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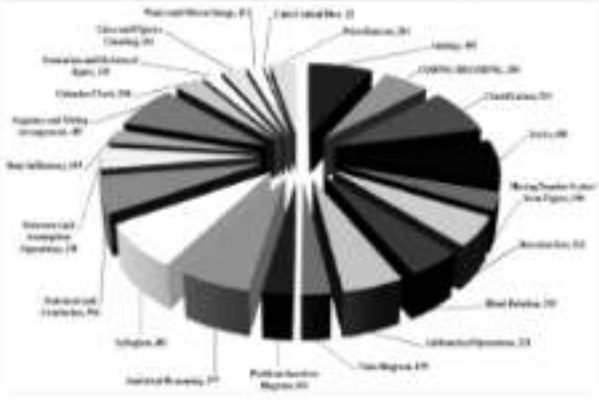
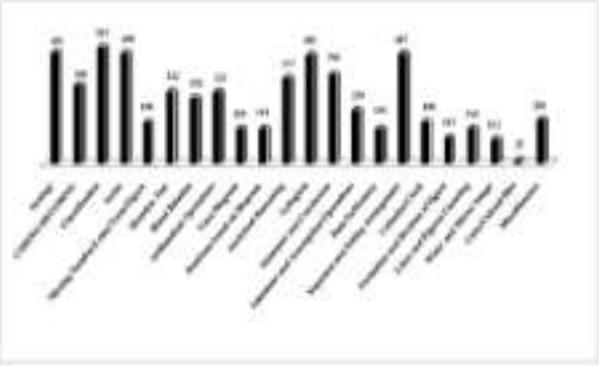
Analysis chart of Question Papers of Various Previous Exams of RRB

S.N.	Exam	Exam year	Total question paper	Total Questions of General Intelligence Test and Reasoning Test
1.	RRB NTPC 2019 Stage-2	2022	15	15 × 25 = 375
2.	RRB Group-D 2019	2022	99	99 × 20 = 1980
3.	RRB NTPC 2019 Stage-1	2020-21	133	133 × 30 = 3990
4.	RPF Constable 2018	2019	17	17 × 35 = 595
5.	RPF SI 2018	2019	21	21 × 35 = 805
6.	RRB JE 2018	2019	38	38 × 25 = 950
7.	RRB ALP 2018 Stage-2	2019	18	18 × 25 = 450
8.	RRB Paramedical 2019	2019	6	6 × 5 = 30
9.	RRB ALP/Tech 2018 Stage-1	2019	30	30 × 25 = 750
10.	RRB Group D 2018	2018	135	135 × 30 = 4050
11.	RRB NTPC 2015 Stage-2	2017	9	9 × 35 = 315
12.	RRB NTPC 2015 Stage-1	2016	63	63 × 30 = 1890
		Total	**506**	**16,590**

Note:- In this book, out of total **506** papers of JE, ALP, NTPC, RPF Constable, RPF SI, Group D and Paramedical exams conducted by RRB, out of total **16100** questions asked from General Intelligence Test and Reasoning Test. Some Selected have been removed and chapterwise compilation of questions of different types has been presented. In this book, every effort has been made by the Examination Special Committee to accommodate maximum variety of questions, so that the examinees can be made aware of the variety of questions asked by RRB.

Trend Analysis of Previous Year RRB NTPC, Group-D, Paramedical, JE, ALP, RPF SI & Constable, Papers Through Pie Chart and Bar Graph





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Analogy

Type - I

1. **Select the option that is related to the third term in the same way as the second term is related to the first term.**
Book : Reading :: Poetry : ?
(a) Rhyming (b) Singing
(c) Revolution (d) Teaching
RRB NTPC 19.01.2021 (Shift-1) Stage Ist

Ans. (d) : Just as, book is read. Same as, poetry is read as recitation.

2. **Select the option that is related to the third term in the same way as the second term is related to the first term.**
Pediatrics : Children :: Neurology : ?
(a) Veins (b) Eyes
(c) Brain (d) Heart
RRB NTPC 28.12.2020 (Shift-1) Stage Ist

Ans. (c) : Just as, pediatrics is related to children. Similarly, neurology is related to brain.

3. **In the following question, select the related words from the given alternatives.**
Writer : Pen :: Tailor : ?
(a) Axe (b) Needle
(c) Saw (d) Scissor
RRB NTPC 28.12.2020 (Shift-1) Stage Ist

Ans. (b) : Just as, the writer writes with pen. Same as, tailor stitches clothes with the needle.

4. **Select the option that is related to the third word in the same way as the second word is related to the first word.**
Shirt : Apparel :: Necklace :?
(a) Chain (b) Gold
(c) Jewellery (d) Neck
RRB NTPC 09.01.2021 (Shift-1) Stage Ist

Ans. (c) : Just as, a Shirt is an Apparel. Similarly, a necklace is a Jewellery.

5. **Select the option that is related to the third word in the same way as the second word is related to the first word.**
Bihar : Jharkhand :: Chhattisgarh :
(a) Maharashtra (b) Ranchi
(c) Raipur (d) Madhya Pradesh
RRB NTPC 05.01.2021 (Shift-1) Stage Ist

Ans. (d) : In the way the state of Jharkhand has been formed by dividing Bihar. Similarly, Chhattisgarh has been formed by dividing the state of Madhya Pradesh.

6. **Select the option that is related to the third term in the same way as the second term is related to the first term?**
Gravity : Discovery :: Telephone : ?
(a) Experiment (b) Explore
(c) Contract (d) Invention
RRB NTPC 07.01.2021 (Shift-I) Stage Ist

Ans. (d) : Just as, Newton discovered Gravity. Similarly, Telephone was invented by Graham Bell.

7. **Select the option that is related to the third term in the same way as the second term is related to the first term?**
Happiness : Sorrow :: Conflict : ?
(a) Competition (b) Harmony
(c) War (d) Anger
RRB NTPC 07.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, opposite of Happiness is Sorrow. Similarly, opposite of Conflict is Harmony.

8. **Select the option that is related to the third term in the same way as the second term is related to the first term.**
Paper : Stapler :: Clothes : ?
(a) Detergent (b) Dryer
(c) Hanger (d) Washing machine
RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (c) : The way of stapler is used to hang or punch the paper. Similarly, hanger are used to hang clothes.

9. **Select the alternative which is related to the third word in the same way as the second word, is related to first word.**
Jaggery : Sugarcane :: Coconut : ?
(a) Beach (b) Fruit
(c) Coconut hair (d) White
RRB ALP CBT-1 Exa. - Mec. 21.01.2019 (Shift-II)

Ans. (c) : Just as 'Jaggery' is obtained from 'Sugarcane'. Similarly, 'Coconut hair' is obtained from 'Coconut'.

10. **Select the option that is related to the third term in the same way as the second term is related to the first term.**
Hand : Thumb :: Pen : ?
(a) Finger (b) Holder
(c) Paper (d) Ink
RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, thumb is a part of hand. Similarly, ink is a part of pen.

11. **Select the option that is related to the third term in the same way as the second term is related to the first term.**

India : Tiger :: Nepal :?

(a) Lion (b) Cow

(c) Rhinoceros (d) Leopard

RRB NTPC 11.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, Tiger is the National animal of India. Similarly, Cow is the National animal of Nepal.

12. **Select the option that is related to the third term in the same way as the second term is related to the first term.**

Patient : Doctor :: Students :?

(a) Minister (b) School

(c) Teacher (d) Lecturer

RRB NTPC 12.01.2021 (Shift-I) Stage Ist

Ans. (d) : Just as, a sick person goes to the doctor for diagnosis. Similarly, a student goes to the teacher to acquire knowledge.

13. **Select the option that is related to the third term in the same way as the second term is related to the first term.**

Serene : Calm :: Serve :?

(a) Postal (b) Cooler

(c) Silent (d) Aggressive

RRB NTPC 17.01.2021 (Shift-I) Stage Ist

Ans. (d) : Just as, the synonym of Serene is Calm. Similarly, the synonym of Serve is Aggressive.

14. **Select the option that is related to the third term in the same way as the second term is related to the first term.**

Nature : Inherent :: Venture :?

(a) Innate (b) Foster

(c) Character (d) Test

RRB NTPC 17.01.2021 (Shift-I) Stage Ist

Ans. (b) :

Adjective of Nature = Inherent and Adjective of Venture = Fatal

Hence in place of (?) will be Fatal.

15. **Select the option in which the words share the same relationship as that shared by the given pair of words. Writer : Pen**

(a) Swimmer : Float (b) Chef : Pan

(c) Dancer : Program (d) Tailor : Dress

RRB NTPC 08.02.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, Writer is related to Pen. Similarly, Chef is related Pan.

16. **Select the option that is related to the third term in the same way as the second term is related to the first term?**

RK Narayan : Novel :: RK Laxman :?

(a) Art (b) Comics

(c) Advertising (d) Cartoon

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (d) : Just as, RK Narayan is related to the novel, in the same way RK Laxman is related to the cartoon.

17. **Select the option that is related to the third term in the same way as the second term is related to the first term.**

Nepal : Cow :: India :?

(a) Tiger (b) Lion

(c) Peacock (d) Rhinoceros

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (a) : Just as, Cow is a national animal of Nepal. Same as, Tiger is a national animal of India.

18. **Select the option in which the words share the same relationship as that shared by the given pair of words**

Labrador : Dog ::

(a) Individual : Mankind (b) Ant : Mouse

(c) Leaf : Tree (d) Mouse : Cat

RRB NTPC 10.02.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, Labrador is a type of hunting dog which is found in abundance in Canada. Similarly, Ant is a pest of mouse in the United States.

19. **Select the option that is related to the third term in the same way as the second term is related to the first term**

Virus : Disease :: Exercise :?

(a) Cycling (b) Walking

(c) Health (d) Jogging

RRB NTPC 10.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, virus is cause of disease. Same as, exercise is cause of health.

20. **Select the option that is related to the third term in the same way as the second term is related to the first term.**

Himalayas : Ganga :: Satpura :?

(a) Kosi (b) Narmada

(c) Godavari (d) Yamuna

RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, the Ganga originates from the Himalayas. Similarly, the Narmada originates from the Satpura hills.

21. **The option which is related to the third word, in the same way as the second word is related to the first word is –**

Poem : Verse :: Book :?

(a) Story (b) Page

(c) Printing (d) Language

RRB ALP CBT 2 Mec. Direct 23-01-2019 (Shift-I)

Ans. (b) : Just as Verse comes under Poem in the same way Page comes under Book.

22. **Select the option which is similar to the third word, Just as the second word is related to the first word.**

Paper : Gum :: Brick?

(a) Riggle (b) Slurry

(c) Stone (d) Wall

RRB ALP CBT-2 Electrician 23-01-2019 (Shift-II)

Ans. (b) : Just as Gun is used for shooting Paper similarly, Hairy is used for joining the Bricks.

23. Select the option that is related to the third term in the same way as the second term is related to the first term.

Assam : Tezpur :: Kerala : ?

(a) Jaipur (b) Midnapore
(c) Thiruvanthapuram (d) Kochi

RRB NTPC 16.01.2021 (Shift-II) Stage 1st

Ans. (d) : Just as, Tezpur is a district in Assam. Same as, Kochi is also a district in Kerala.

24. Select the option that is related to the third term in the same way as the second term is related to the first term.

Daman and Diu : Daman :: Andaman and Nicobar : ?

(a) Nicobar (b) Indira Point
(c) Garacharma (d) Port Blair

RRB NTPC 16.01.2021 (Shift-II) Stage 1st

Ans. (d) : Just as, Daman is the Capital of Daman and Diu. Similarly, the Capital of Andaman and Nicobar is Port Blair.

25. Select the option that is related to the third term in the same way as the second term is related to the first term.

Soldier : Battle Tank :: Farmer : ?

(a) Water (b) Crop
(c) Land (d) Tractor

RRB NTPC 02.03.2021 (Shift-II) Stage 1st

Ans. (d) : Just as, Battle tank is used for the help of Soldiers in Battle. Same as, Tractor is used for the help of Farmer in Agriculture.

26. Select the option in which the words share the same relationship as that shared by the given pair of words

Rhino : Horn

(a) Elephant : Tusk (b) Cow : Calf
(c) Dog : Bark (d) Donkey : Bray

RRB NTPC 05.03.2021 (Shift-II) Stage 1st

Ans. (a) : Just as, the Rhinoceros has horns. Similarly, the elephant has tusk.

27. Select the option that is related to the third term in the same way as the second term is related to the first term.

Music : Concert :: Acting :

(a) Song (b) Gymnastics
(c) Dance (d) Theatre

RRB NTPC 19.03.2021 (Shift-I) Stage 1st

Ans. (d) : Just as, music is presented in the concert in the same way acting is presented in the theatre.

28. Select the option that is related to the third term in the same way as the second term is related to the first term.

Bed : Pillow :: Sofa : ?

(a) Covers (b) Sheets
(c) Upholstery (d) Cushions

RRB NTPC 10.03.2021 (Shift-I) Stage 1st

Ans. (d) : Just as, pillow is related to the bed in the same way cushions is related to the sofa.

29. Select the option that is related to the third term in the same way as the second term is related to the first term.

Sri Lanka : Island :: India.

(a) Asia (b) Ocean
(c) Peninsula (d) Plateau

RRB NTPC 01.04.2021 (Shift-I) Stage 1st

Ans. (c) : Just as, Sri Lanka is an Island country, in the same way India is a peninsula country.

30. Select the option that is related to the third term in the same way as the second term is related to the first term.

Fracture : Bone :: Sprain : ?

(a) Ankle (b) Skin
(c) Ligament (d) Tissue

RRB NTPC 08.04.2021 (Shift-I) Stage 1st

Ans. (c) : Just as, fracture occurs in bone. Same as, sprain occurs in ligament.

31. Select the option in which the words share the same relationship as that shared by the given pair of words.

Chef : Restaurant

(a) Physician : Patient
(b) Librarian : Catalogue
(c) Carpenter : Wood
(d) Druggist : Pharmacy

RRB NTPC 08.04.2021 (Shift-I) Stage 1st

Ans. (d) : Just as, a chef works in a restaurant. Similarly, a druggist works in a pharmacy.

32. Select the option that is related to the third term in the same way as the second term is related to the first term.

Mason : Builds :: Mechanic : ?

(a) Cars (b) Tools
(c) Factory (d) Repairs

RRB NTPC 23.07.2021 (Shift-II) Stage 1st

Ans. (d) : Just as, Mason builds house. Similarly, Mechanic repairs mechanical equipments.

33. Select the option that is related to the third term in the same way as the second term is related to the first term.

Dog : Guard :: Horse : ?

(a) Cart (b) Saddle
(c) Stable (d) Ride

RRB NTPC 28.12.2020 (Shift-II) Stage 1st

Ans. (d) : Just as, a dog is related to protect in the same way a horse is related to ride.

34. Select the option that is related to the third term in the same way as the second term is related to the first term.

Almirah : Storage :: Chair : ?

(a) Keeping items (b) Lying down
(c) Sitting (d) Standing

RRB NTPC 09.01.2021 (Shift-II) Stage 1st

Ans. (a) : Just as, Almirah is used for storage of item. Similarly, chair is used for sitting.

35. Select the option that is related to the third term in the same way as the second term is related to the first term.

Import : Export :: Expenditure :?

(a) Credit (b) Revenue
(c) Budget (d) Economy

RRB NTPC 13.01.2021 (Shift-II) Stage 1st

Ans. (b) : Just as, Imports are related to exports. Similarly, expenditure is related to revenue.

36. Select the option that is related to the third term in the same way as the second term is related to the first term.

Rantharbhore : Rajasthan :: Kaziranga :?

(a) Assam (b) Nagaland
(c) Meghalaya (d) Manipur

RRB NTPC 19.01.2021 (Shift-II) Stage 1st

Ans. (a) : Just as, Ranthambhore is a national park of Rajasthan. Similarly, Kaziranga is a national park of Assam.

37. Select the option that is related to the third term in the same way as the second term is related to the first term.

Gandhinagar : Ahmedabad :: Lucknow :?

(a) Allahabad (b) Kanpur
(c) Gorakhpur (d) Varanasi

RRB NTPC 19.01.2021 (Shift-II) Stage 1st

Ans. (b) : Just as, Gandhinagar and Ahmedabad are two major twin cities of Gujarat state. Similarly, Lucknow and Kanpur are two major twin cities of Uttar Pradesh.

38. Select the option that is related to the third term in the same way as the second term is related to the first term.

Country : Coalition :: Worker :?

(a) Labour (b) Skill
(c) Union (d) Global

RRB NTPC 08.03.2021 (Shift-I) Stage 1st

Ans. (a) : Just as, there is a coalition in the country. Similarly, there is a union among the workers.

39. Select the option that is related to the third term in the same way as the second term is related to the first term.

Author : Pen :: Surgeon :?

(a) Cut (b) Scalpel
(c) Stitch (d) Operation

RRB NTPC 14.01.2021 (Shift-II) Stage 1st

Ans. (b) : Just as, a Author write with a pen. Similarly, surgeons use a scalpel for operation.

40. Select the option in which the words share the same relationship as that shared by the given pair of words.

Cube : Square

(a) Rectangle : Rhombus (b) Cone : Hat
(c) Sphere : Circle (d) Area : Perimeter

RRB NTPC 09.03.2021 (Shift-II) Stage 1st

Ans. (c) : Just as, Cube is three dimensional and Square is two-dimensional.
Same as, Sphere is three dimensional and Circle is two-dimensional.

41. Select the option that is related to the third term in the same way as the second term is related to the first term.

Bricks : Kiln :: Coins :

(a) Laboratory (b) Mint
(c) Mint (d) Factory

RRB NTPC 03.04.2021 (Shift-I) Stage 1st

Ans. (c) : Just as, bricks are made in a kiln. Similarly, coins are minted in the mint.

42. Select the option that is related to the third term in the same way as the second term is related to the first term.

Microscope : Telescope :: Magnifying Glass : ?

(a) Binoculars (b) Kaleidoscope
(c) Camera (d) Projector

RRB NTPC 31.07.2021 (Shift-II) Stage 1st

Ans. (a) : Just as, 'Microscope' is used to see a near object and 'Telescope' is used to see a distant object. Similarly, 'Magnifying glass' are used to see a near object and 'Binoculars' are used to see a distant object.

43. Select the option that is related to the third term in the same way as the second term is related to the first term.

Aircraft : Cabin :: Train : ?

(a) Platform (b) Track
(c) Engine (d) Coach

RRB NTPC 31.07.2021 (Shift-II) Stage 1st

Ans. (d) : Just as, 'Aircraft' has a cabin to sit in. Similarly, a 'train' has a coach to sit in.

44. Select the option that is related to the third term in the same way as the second term is related to the first term.

Day : Week :: Month : ?

(a) Calendar (b) Annual
(c) Weeks (d) Year

RRB NTPC 22.01.2021 (Shift-I) Stage 1st

Ans. (d) : Just as, there are 7 days in a week. Similarly, there are 12 month in a year.
Hence, option (d) will be correct answer.

45. Select the option that is related to the third term in the same way as the second term is related to the first term.

Navy : Ship :: Army : ?

(a) Guns (b) Tanks
(c) Soldier (d) War

RRB NTPC 22.01.2021 (Shift-I) Stage 1st

Ans. (b) : Just as, a ship (water ship) is used in the Navy similarly a tank is used in the Army.

46. Select the word pair that shares a similar relationship as the word pair shown below.

Word : Book

(a) Song : Music (b) Leaf : Tree
(c) Sweet : Sugar (d) Sheep : Bird

RRB NTPC 22.01.2021 (Shift-II) Stage 1st

Ans. (b) : Just as, Book has many number of Words. Similarly, Tree has many number of leaves.
Hence, option (b) is right.

47. Select the option in which the words do NOT share the same relationship as that shared by the given group of words.

Patient : Surgeon : Surgery

(a) Vegetables : Chef : Cook
(b) Chalk : Teacher : Teachers
(c) Cloth : Tailor : Stitch
(d) Clay : Potter : Pottery

RRB NTPC 27.01.2021 (Shift-II) Stage Ist

Ans. (b) : Chalk, the relationship between teacher and student is not the same as between the words of the given group.
Hence, option (b) is correct.

48. Select the option that is related to the third term in the same way as the second term is related to the first term.

Boxing : Round :: Badminton :?

(a) Point (b) Tournament
(c) Match (d) Game

RRB NTPC 29.01.2021 (Shift-II) Stage Ist

Ans. (d) : As we, boxing is related to the round, in the same way badminton will be related to game.

49. Select the option that is related to the third term in the same way as the second term is related to the first term.

Law : Order :: Crime : ?

(a) War (b) Punishment
(c) Peace (d) Criminal

RRB NTPC 03.02.2021 (Shift-II) Stage Ist

Ans. (b) : Just as, order is related to law. Similarly, punishment is related to crime.

50. Select the option that is related to the third term in the same way as the second term is related to the first term.

Clock : Time :: Thermometer :?

(a) Temperature (b) Fever
(c) Illness (d) Weather

RRB NTPC 03.02.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, the time is displayed by clock in the same way temperature is displayed by thermometer.

51. Select the option that is related to the third term in the same way as the second term is related to the first term.

Tongue : Taste :: Lungs :?

(a) Respiration (b) Perspiration
(c) Cognition (d) Circulation

RRB NTPC 03.02.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, taste is relate by the tongue. In the same way the respiration takes place through the lungs.

52. Select the option in which the words share the same relationship as that shared by the given pair of words.

Photosynthesis : Sun Light

(a) Writing : Pen (b) Book : Magazine
(c) Printer : Desktop (d) Fan : Light

RRB NTPC 03.02.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, 'Sunlight' is needed for 'Photosynthesis'. Similarly, 'Pen' is needed for 'Writing'. Hence, the option (a) is correct.

53. Select the option that related to the third term in the same way as the second term is related to the first term.

Steps : Staircase :: Book :?

(a) Library (b) Stories
(c) Pencils (d) Authors

RRB NTPC 12.02.2021 (Shift-I) Stage Ist

Ans. (a) : Just as, staircase contains steps. Same as, books placed in library.

54. Select the option that is related to the third term in the same as the second term is related to the first term.

Rose : Honey :: Flowers :?

(a) Petals (b) Pick
(c) Fragrance (d) Plant

RRB NTPC 12.02.2021 (Shift-I) Stage Ist

Ans. (c) : Just as, Honey bring out from flower by bees. Same as, flowers emits fragrance.

55. Select the option in which the words do NOT share the same relationship as that shared by the rest.

(a) Parrot : Bird (b) Carrot : Vegetable
(c) Car : Vehicle (d) Fruit : Tray

RRB NTPC 22.02.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, parrot comes under Birds category, carrot comes under Vegetables category, car comes under vehicle category. Whereas, fruits does not comes under the tray category. So, it is different from other.

56. Select the option that is related to the third term in the same way as the second term is related to the first term.

Beauty : Sun :: Melody :?

(a) Tooth (b) Rose
(c) Sense (d) Fuel

RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (b) : Just as, 'Beauty' is related to 'Sun'. Similarly, 'Melody' is related to 'Rose'.

57. Select the option that is related to the third term in the same way as the second term is related to the first term.

Giraffe : Height :: Tiger :?

(a) Claws (b) Whisker
(c) Stripe (d) Hunter

RRB NTPC 09.03.2021 (Shift-I) Stage Ist

Ans. (c) : Just as, Giraffe is highest in animal which is known for his height and length of neck. Same as, stripes are found in body of Tigers.

58. Select the option that is related to the third term in the same way as the second term is related to the first term.

Wallet : Money :: Pendrive :?

(a) Storage (b) Pocket
(c) Data (d) Computer

RRB NTPC 15.03.2021 (Shift-II) Stage Ist

Ans. (c) : Just as, 'Wallet' is related to 'Money' similarly, Pen drive is related to Data.

59. Select the option that is related to the third term in the same way as the second term is related to the first term.

Laboratory : Manual :: Library : ?

(a) Book - shelf (b) Catalogue
(c) Librarian (d) Books

RRB NTPC (31.01.2021 (Shift-II) Stage I-a)

Ans. (b) : Just as, Laboratory has a manual in which explained the instruction of Laboratory. Same as, there is a catalogue in library.

60. Select the option that is related to the third word on the same basis as the second word is related to the first word?

Skin : Hair :: Land : ?

(a) Sky (b) Tree
(c) Grass (d) Mineral

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (c) : Just as, hair is produced from the skin. Same as, grass is produced from the land.

61. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Needle : Stitches :: Knife :

(a) Blade (b) Butter
(c) Cut (d) Sharp

RRB Group-D – 25/09/2018 (Shift-III)

Ans. (a) : Just as, needle is used for stitching. Same as, knife is used for cutting.

62. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Petrol : Van :: Electricity :?

(a) Goods (b) Bulb
(c) Dish (d) Cars

RRB Group-D – 16/10/2018 (Shift-I)

Ans. (b) Just as, van runs from petrol. Same as, the light of bulb glows from electricity.

63. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Green : colour :: Apple :

(a) Tree (b) Sense
(c) Spices (d) Red

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (a) : Just as, green comes under colour. Similarly, apple comes under fruit.

64. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Work : Try :: Stop : ?

(a) Wake up (b) Freedom
(c) Rest (d) Start

RRB Group-D – 31/10/2018 (Shift-I)

Ans. (a) Just as, try is related to work. Same as, rest is related to stop.

65. Find the similar pair.

Ball : Throw :: _____ : _____

(a) Dogs : To Pet (b) Hockey - Ball
(c) Ball : Bat (d) Football - Kick

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (d) Just as, ball is played by throw. Same as, football is played by kick.

66. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Poet : Poem :: Cobbler :?

(a) Shoe (b) Shoes
(c) Socks (d) Clothe

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (b) : Just as, poet writes poem. Same as, cobbler stitches/mends shoes.

67. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Iron : Fe :: Silver :?

(a) Na (b) Cl
(c) Ag (d) K

RRB Group-D – 06/12/2018 (Shift-III)

Ans. (c) Just as, Iron's symbol is 'Fe'. Same as, Silver's symbol is 'Ag'.

68. Select the option that is related to the first word on the same basis as the fourth word is related to the third word.

Monarch : _____ :: Anaconda : Cobra

(a) Butterfly (b) Queen
(c) Royal (d) Venom

RRB Group-D – 03/12/2018 (Shift-II)

Ans. (b) : Just as, Anaconda is related to Cobra. Same as, Monarch is related to Queen.

69. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Shadow : Light :: Reflection :?

(a) Cloth (b) Dirt
(c) Water (d) Air

RRB Group-D – 03/12/2018 (Shift-II)

Ans. (c) : Just as, the phenomenon of shadow made in light. Same as, the phenomenon of reflection made in water.

70. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Chemistry : Atom :: Biology :?

(a) Atom (b) Neuron
(c) Biomolecules (d) Cells

RRB Paramedical (26.07.2019 Shift-I)

Ans. (d) : Just as, 'Atom' is the smallest unit of Chemistry. Same as, 'Cells' is the smallest unit of Biology.

71. Select the option that is related to the third word on the same basis as the first word is related to the second word.
Earth : Blue :: Mars : ?
(a) Black (b) Red
(c) Green (d) Brown
RRB Group-D – 16/11/2018 (Shift-III)

Ans. (b) : Just as, Earth is called blue planet. Same as, Mars is called red planet.

72. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Stage : Entertainment :: Temple :?
(a) People (b) God
(c) Live (d) Worship
RRB Group-D – 09/11/2018 (Shift-II)

Ans : (d) The way entertainment is related to stage. Same as, worship is related to temple.

73. Select the pair from given alternative that are related like the words of the first pair.
Unsteady : Unsteadiness : ..... : .....
(a) Ruthless : Ruthless (b) Wild : Animal
(c) Dark : Light (d) Illiterate : Book
RRB NTPC 12.04.2016 Shift : III

Ans. (c) : Just as, the word unsteady is the opposite of unsteadiness. Same as, dark is the opposite of light.

74. Select the pair from given alternative that are related like the words of the first pair
Mountain : Height : ..... : .....
(a) River : Water (b) Cave : Depth
(c) Valley : Beauty (d) Moon : Window
RRB NTPC 16.04.2016 Shift : II

Ans. (b) : Just as, mountain is known for its height. Same as, cave is known for its depth.

75. Find the right option for Smile : Laugh :: Cry:?
(a) Frown : Anger : Fury
(b) Touch : Catch : Leave
(c) Stand : Sleep : Play
(d) Evening : Night : Day
RRB NTPC 16.04.2016 Shift : II

Ans. (b) : The word in question bears resemblance to the groups Touch - Catch - Leave.

76. Select the pair from given alternative that are related like the words of the first pair
Chalk : Blackboard : ..... : .....
(a) Door : Handle (b) Ink : Paper
(c) Type : Paper (d) Table : Chair
RRB NTPC 18.04.2016 Shift : III

Ans. (b) Just as, chalk is required to write on the black board. Same as, ink is required to write on the paper.

77. Based on the analogy given, find the missing word from the given options?
Mother : Child :: Cloud : ?
(a) Rain (b) Thunder
(c) Water (d) Weather
RRB NTPC 18.04.2016 Shift : I

Ans. (a) : Just as, the child is born from mother. Same as rain originates from cloud.

78. Complete the analogy by choosing most appropriate option.
Bird : Wings :: Fish : ?
(a) Gills (b) Road
(c) Fins (d) Legs
RRB NTPC 19.04.2016 Shift : I

Ans. (a) : The way a bird flies in the sky with wings. Similarly, a fish swims in the water with fins.

79. Complete the analogy by choosing most appropriate option.
Hard : Stone :: Soft : ?
(a) Feathers (b) Skin
(c) Shoes (d) Sand
RRB NTPC 10.01.2017 Shift : II

Ans. (a) : Just as, hard is related with stone. Same as, soft is related with feathers.

80. Complete the analogy by choosing most appropriate option.
Book : Author :: Furniture ?
(a) Machine (b) Workshop
(c) Wood (d) Carpenter
RRB NTPC 10.01.2017 Shift : I

Ans. (d) : Just as, an author writes book. Same as, carpenter makes furniture.

81. Complete the analogy by choosing most appropriate option.
Tide ebb : Sea :: ?: River
(a) Flow (b) Hydroelectric
(c) Bank (d) Inflow
RPF Constable 24.07.2019 Shift : II

Ans. (d) : Just as, tide ebb is related to sea. Same as, inflow is related to river.

82. Complete the analogy by choosing most appropriate option.
Rice : Carbohydrate :: Sprouted grains : ?
(a) Water (b) Protein
(c) Iron (d) Fat
RRB NTPC 10.01.2017 Shift : I

Ans. (b) : The way carbohydrate is found in rice, in the same way protein is found in sprouted grains.

83. Select the alternative that shows a similar relationship as the given pair.
Minimum : Maximum
(a) Water : Rain (b) Rapist : Guy
(c) First : Second (d) Sad : Angry
RRB NTPC 30.03.2016 Shift : I

Ans. (a) : Just as, minimum is the opposite of maximum. Same as, water is the opposite of rain.

84. Choose the pair which is related in the same way as the word in the first pair from the given choice.
India : Tiger :: America : .....
(a) Unicorn (b) Bald Eagle
(c) Camel (d) Duck
RRB NTPC 02.04.2016 Shift : III

Ans. (b) : Just as, Tiger is the national animal of India. Same as, Bald Eagle is the national animal of America.

85. Choose the pair which is related in the same way as the word in the first pair from the given choice
India : Rupee :: South Africa :

(a) Dollar (b) Rand
(c) Pound (d) Franc

RRB NTPC 04.04.2016 Shift : (I)

Ans. (b) : Just as, Indian currency is Rupee. Same as, South Africa's currency is Rand.

86. Choose the pair which is related in the same way as the word in the first pair from the given choice.
Water : Sea :: Ice : ?
(a) Mountain (b) Glacier
(c) Hill (d) Peak

RRB NTPC 17.01.2017 Shift-(II)

Ans. (b) : Just as, the sea is filled with water. Similarly, the glacier is covered with ice.

87. Choose the pair which is related in the same way as the word in the first pair from the given choice
Sparrow : Grain :: Silk worm : ?
(a) Maple (b) Pine
(c) Mulberry (d) Silk

RRB NTPC 17.01.2017 Shift-(II)

Ans. (c) : Just as, Sparrow's diet is grain. Similarly, diet of silk worm is mulberry.

88. Select the right pair from available option:
Eye : Tears :: ..... : .....
(a) Sea : Water (b) Volcano : Lava
(c) Heart : Arteries (d) Hungry : Bread

RRB NTPC 17.01.2017 Shift-(II)

Ans. (b) : The way tears come out of the eye. Same as, lava comes out of the volcano.

89. Select the right pair from available option:
Heat : Cold :: ..... : .....
(a) Vast : Big (b) Thin : Thick
(c) Long : High (d) Male : Baby

RRB NTPC 17.01.2017 Shift-(II)

Ans. (b) : Just as, heat is the opposite of cold. Same as, thin is the opposite of thick.

90. Complete the analogy
Grief : Happiness : Diffidence
(a) Ignorance (b) Serene
(c) Confidence (d) Funky

RRB NTPC 17.01.2017 Shift- (I)

Ans. (c) : Just as, Grief is the opposite of happiness. Same as, diffidence is the opposite of confidence.

91. Select the option that is related to the third term in the same way as the second term is related to the first term:
Wash : Junk :: Power : _____
(a) Idea (b) Volt
(c) Watt (d) Power

RRB ALP & Tec. (17-09-18 Shift-II)

Ans. (d) : Just as, wash's unit is Joule. Same as, unit of Power is Watt.

92. Select the related word from the given alternatives:
Transport : Goods :: Bank : _____
(a) Money (b) Rupee
(c) Pound (d) Dollar

RRB ALP & Tec. (16-08-18 Shift-I)

Ans. (a) : Just as, Goods carried by transport. Same as, money is exchanged with a bank. Therefore the bank is related with money.

93. Select the word pair that is analogous to the given word pair.
Sankranti : Andhra Pradesh
(a) Onam : Kerala
(b) Bhangra : Punjab
(c) Christmas : Chhattisgarh
(d) Kumbh : Uttar Pradesh

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (a) : Just as, Sankranti festival is celebrated in Andhra Pradesh. Same as, Onam festival is celebrated in Kerala.

94. Select the related word from the given alternatives :
Wheel : Spokes :: Fan : _____
(a) Round (b) Air
(c) Wings (d) Motor

RRB ALP & Tec. (13-08-18 Shift-I)

Ans. (c) : Just as, spokes is related to wheel. Similarly, wings is related to fan.

95. Select the related word pair from the following options.
Goose : Geese :: _____
(a) Sachi : Sach (b) Shirts : Shirt
(c) Jacket : Jacket (d) Pant : Pants

RRB ALP & Tec. (09-08-18 Shift-I)

Ans. (d) : Just as, plural of goose is geese. Same as, plural of pant is pants.

96. Choose the correct analogous word pair from the given alternatives.
Carpenter : Hammer
(a) Cook : Boiler (b) Computer : Wiper
(c) Plumber : Wrench (d) Axe : Logger

RRB ALP & Tec. (09-08-18 Shift-II)

Ans. (c) : Just as, carpenter's main tool is hammer. Same as, main tool of plumber is wrench.

97. Which word would best complete the relation given below ?
Book : Shelf :: Library : ?
(a) Librarian (b) Book
(c) Shelf (d) Catalogue

RRB JE - (7/06/2019 (Shift-III))

Ans. (d) : Just as, a book has a shelf. Same as, there are catalogue in the library.

98. Which word would best complete the relation given below.
Grain : Pile :: Paper : ?
(a) Storage (b) File
(c) Bundle (d) Thickness

RPF SI (14.01.2019 Shift : I)

Ans : (c) Just as, Grains is related to pile. Same as, papers will related to the bundle.

99. Which word would best complete the relation given below ?
Light : Blind :: Speech : ?
(a) Death (b) Language
(c) Tongue (d) Social

RRB JE - 24/06/2019 (Shift-III)

Ans. (a) : Just as, light is related to blind. Same as, speech is related to death.

100. Which word would right way complete the relation given below ?
Jaipur : Green pheasant :: India : ?
(a) Parrot (b) Sona
(c) Peacock (d) Sparrow

RRB JE - 24/05/2019 (Shift-I)

Ans. (a) : Just as, the national bird of Japan is Varon; Pheasant. Same as, the national bird of India is Peacock.

101. Which word would right way complete the relation given below ?
Hygrometer : Humidity :: Barometer : ?
(a) Motion (b) Pressure
(c) Temperature (d) Current
RRB JE - 24/09/2019 (Shift-I)

Ans. (b) : Just as, Hygrometer is an instrument for measuring humidity. Same as, barometer is an instrument for measuring pressure.

102. Select the word pair that represents the same relation as the pair below.
Cholera : Water
(a) Malaria : Mosquito (b) Cat : Plague
(c) Poison : Death (d) Medicine : Disease
RRB JE - 24/09/2019 (Shift-III)

Ans. (a) : Just as, cholera is a water borne disease. Same as, malaria is a mosquito borne disease.

103. Which word would best complete the relation given below ?
Mountain : Valley :: Enemy :?
(a) Unknown (b) Robbers
(c) Friend (d) Country
RPF SI 13.08.2019 Shift - II

Ans. (a) : Just as, mountain is the opposite of valley. Same as, enemy is the opposite of friend.

104. Which word would best complete the relation given below
Face : Expression :: Hand : ?
(a) Handshake (b) Indication
(c) Painting (d) Work
RRB JE - 02/06/2019 (Shift-I)

Ans. (b) : Just as, expression is related to face. Same as, indication is related to hand.

105. Which word would best complete the relation given below ?
Cube : Square :: Square : ?
(a) Triangle (b) Line
(c) Arc (d) Point
RRB JE - 02/06/2019 (Shift-II)

Ans. (b) Just as, Cube is make of combination of squares. Same as, square is made of combination of lines.

106. Which word would best complete the relation given below ?
Parrot : Zoo :: Sea :?
(a) Seaport (b) Aquarium
(c) Water (d) Fish
RRB JE - 02/06/2019 (Shift-II)

Ans. (b) Just as, wild creatures are kept in the zoos. Similarly, sea creatures are kept in the aquariums.

107. Select the word pair that represents the same relation as the pair below.
Earth : Sun
(a) Universe : Space (b) Moon : Earth
(c) Sun : Galaxy (d) Moon : Jupiter
RRB JE - 28/06/2019 (Shift-II)

Ans. (b) Just as, the earth revolves around the sun. Same as, the moon revolves around the earth.

108. Which word would right way complete the relation given below ?
Needle : stitch :: Knife : ?
(a) Eat (b) Cut
(c) Dress (d) Grinding
RRB JE - 26/09/2019 (Shift-I)

Ans : (b) Just as, Needle is used for stitching clothes. Same as, knife is used for cutting vegetables.

109. Choose the most appropriate option to complete the following analogy.
Pen : Write :: Knife : ?
(a) Joint (b) Clean
(c) Cut (d) Marker
RRB Group-D - 12/12/2018 (Shift-I)

Ans. (c) Just as, pen is used to write. Same as, knife is used to cut.

110. Select the option that is related to the third word as the same basis as the second word is related to the first word.
Cat : Kitten :: Sheep : ?
(a) Reindeer (b) Lamb
(c) Frog baby (d) Lapin
RRB Group-D - 11/12/2018 (Shift-I)

Ans. (b) Just as, baby of cat calls kitten like this baby of sheep calls lamb.

111. Select the option that is related to the third word as the same basis as the second word is related to the first word.
House : Home :: Fault : ?
(a) Crystal (b) Sad
(c) Accept (d) Praise
RPF Constable 24.01.2019 Shift - III

Ans. (b) : Just as, house is related to home. Same as, fault is related to sad.

112. Select the option that is related to the third word as the same basis as the second word is related to the first word.
Odometer : Motion :: Anemometer : ?
(a) Mass (b) Earthquake
(c) Current (d) Air
RRB Group-D - 11/12/2018 (Shift-II)

Ans. (c) : Just as, we measure the distance travelled by the wheels of vehicles through the odometer. Same as, we measure the current from the anemometer.

113. Select the word that is related to the third word as the same basis as the second word is related to the first word.
Hockey : Field :: Badminton :?
(a) Arena (b) Stadium
(c) Pitch (d) Court
RRB Group-D - 11/12/2018 (Shift-II)

Ans. (d) : Just as, hockey is played on the field. Same as, badminton is played on the court.

114. Select the option that is related to the third word as the same basis as the second word is related to the first word.
Japan : Yen :: Korea : ?
(a) Won (b) Dollar
(c) Pound (d) Rials
RRB Group-D - 11/12/2018 (Shift-III)

Ans. (a) : Just as, Japan's currency is Yen. Same as, currency of Korea is Won.

115. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Army : Soldier :: Galaxy : ?
(a) Alliance (b) Galaxy
(c) Planet (d) Meteorites
RRB Group-D – 22/10/2018 (Shift-III)

Ans. (c) : Just as there are soldiers in the army. Same as there are planets in the Galaxy.

116. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Prayer : Temple :: Cook :?
(a) Kitchen (b) Ladle
(c) Cooker (d) Rice
RRB Group-D – 12/10/2018 (Shift-I)

Ans. (a) : Just as, prayer held in the Temple. Same as, cook is in the Kitchen.

117. **Select the term that is related to the third term on the same basis as the second term is related to the first term.**
Japan | Tokyo :: China |?
(a) Qian (b) New Delhi
(c) Beijing (d) Havana
RRB Group-D – 08/10/2018 (Shift-I)

Ans. (c) : Just as, capital of Japan is Tokyo. Same as, capital of China is Beijing.

118. **Select the word that is related to the third word in the same basis as the second word is related to the first word ?**
Chair : Furniture :: Shirt : ?
(a) Sweat (b) Garment
(c) Drapery (d) Crockery
RRB Group-D – 08/10/2018 (Shift-III)

Ans. (b) : Just as, the chair belongs to furniture. Same as, shirt belongs to garment.

119. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Understand : Argument :: Dupe : ?
(a) Keep up (b) Con
(c) Managed (d) Control
RRB Group-D – 05/10/2018 (Shift-III)

Ans. (b) Just as, understand is related to argument like that dupe is related to con.

120. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Sound : Ear :: Scent : ?
(a) Thought (b) Nose
(c) Smell (d) Feel
RRB Group-D – 05/10/2018 (Shift-III)

Ans. (b) : Just as, we hear sound from ears. Same as, smell the scent through our nose.

121. **Just like the second term is related to the first term, choose the fourth term corresponding to the third term.**
Magnetic field : Charmed :: Power : ?
(a) Line (b) Motor
(c) Wall (d) Volt
RRB Group-D – 08/10/2018 (Shift-III)

Ans. (c) : Just as, Magnetic Field is related to scientist Hans Christian ostend. Same as, power is related to scientist James Watt.

122. **Select the word that is related to the third word on the same basis as the second word is related to the first word.**
Petrol : Car :: Electric : ?
(a) Dark (b) Room
(c) Thing (d) Bulb
RRB Group-D – 28/09/2018 (Shift-III)

Ans. (d) : Just as, petrol is required to drive a car. Similarly, electric is required to light a bulb.

123. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Hot : Cold :: Speak :?
(a) Powerful sound (b) Quiet
(c) Work (d) Silence
RRB Group-D – 21/09/2018 (Shift-II)

Ans. (d) : Just as, hot and cold is opposite of each other. Similarly, speak and silence is also opposite of each other.

124. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Wrist : Watch :: Finger : ?
(a) Joint (b) Ring
(c) Thumb (d) Nail
RRB Group-D – 19/09/2018 (Shift-I)

Ans. (b) : Just as, the watch is worn on the wrist. Similarly, the ring is worn in the finger.

125. **Select the option that is related to the third word on the same basis as the second word is related to the first word.**
Glass : Transparent :: Wood : ?
(a) Paper (b) Furniture
(c) Black (d) Grapes
RRB Group-D – 18/09/2018 (Shift-I)

Ans. (d) : Just as, glass is transparent, like that wood is opaque.

126. **Select the option that is related to the third term in the same way as the second term is related to the first term.**
Entomology | Insects :: Etymology | ?
(a) Plants (b) Words
(c) Books (d) Satellites
RRB NTPC 30.12.2020 (Shift-II) Stage Ist

Ans. (b) : Just as, Insects are studied in Entomology. Similarly Words are studied in Etymology.

Hence, option (b) is the right option.

127. **Which word would best complete the relation given below ?**
Chartmiar : India : : Pyramid : ?
(a) Canada (b) Egypt
(c) Vatican (d) England
RRB JE : 22/03/2019 (Shift-III)

Ans. (b) : Just as, Chartmiar is related to India. Same as, Pyramid is related to Egypt.

128. Select the option that is related to the second word on the same basis as the third word is related to the fourth word.

_____ : Spider : : Barrack : : Soldier

(a) Nest (b) Hive

(c) Bees (d) Web

RRB Group-D – 26/11/2018 (Shift-II)

Ans : (d) Just as, 'Web' is related to spider, Same as 'Barrack' is related to soldier.

129. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Close : Open : : Cut : _____

(a) Attack (b) Cut

(c) Saw (d) Slash

RRB Group-D – 24/09/2018 (Shift-I)

Ans : (a) Just as, close is opposite of open, Same as, cut is opposite of attack.

130. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Talk : Chat : : Pour : ?

(a) Dispense (b) Fall

(c) Drop (d) Drown

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (a) : Just as, talk's synonym is chat, Same as, synonym of pour will be dispense.

131. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Meghalaya : Shillong : : Bihar : ?

(a) Dehpur (b) Hyderabad

(c) Lucknow (d) Patna

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (d) : Just as, capital of Meghalaya is Shillong, Same as, capital of Bihar is Patna.

132. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Cry : Sob : : Laugh : ?

(a) Exclaim (b) Bellow

(c) Whisper (d) Chuckle

RRB Group-D – 22/10/2018 (Shift-I)

Ans : (d) Just as, sob is related to cry, like that chuckle is related to laugh.

133. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Knife : Butcher : : Scissors : _____

(a) Side dresser (b) Wood carter

(c) Mechanic (d) Cobbler

RRB Group-D – 24/09/2018 (Shift-I)

Ans : (a) Just as, knife is related to butcher, Same as, scissors will be related to side dresser.

134. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Captain : Soldier : : Employer :

(a) Boss (b) Director

(c) Employee (d) Officer

RRB Group-D – 24/09/2018 (Shift-I)

Ans : (a) Just as, soldier is related to Captain, Same as, employee will be related to employer.

135. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Stagnant : Flow : : Charity : ?

(a) Decide (b) Defensive

(c) Mission (d) Goal

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (b) : Just as, word flow is opposite of stagnant like that word defensive will be opposite of charity.

136. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Eat : Ate : : Buy : _____

(a) Brings (b) Bays

(c) Bring (d) Bought

RRB Group-D – 09/10/2018 (Shift-I)

RRB Group-D – 31/10/2018 (Shift-I)

Ans : (d) Just as, second form of eat is ate, Same as, second form of buy is bought.

137. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Race : Track : : Boxing : ?

(a) Rink (b) Ground

(c) Ring (d) Tennis

RPF Constable 21.01.2019 (Shift :)

Ans. (c) Just as, race is perform on the track likewise, boxing is perform inside the ring.

138. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Mountain : Cloud : : Desert : ?

(a) Sand (b) Mirage

(c) Water (d) Palm

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a) Just as, cloud is related to mountain, Same as, sand is related to desert.

139. Choose the absent word.

Line : Pride : : Well : _____ ?

(a) Pack (b) Rod

(c) Pad (d) Flask

RRB Group-D – 05/11/2018 (Shift-I)

Ans. (a) : Just as, pride is group of lion, Same as, pack is group of wolf.

140. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Humorous : Nobility : : Humiliate : ?

(a) Frustrate (b) Entertain

(c) Disgrace (d) Disappoint

RRB Group-D – 05/11/2018 (Shift-I)

Ans. (c) : Just as, Humorous is related to Nobility, Same as, Humiliate is related to Disgrace.

141. Select the option that is related to the third word on the same basis as the second word is related to the first word.

Wrist : Shoulder : : Ankle :

(a) Hip (b) Knee

(c) Bone (d) Joint

RRB Group-D – 05/11/2018 (Shift-II)

Ans. (a) : Just as, nose is related to shoulder. Similarly, ankle is related to lip.

142. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Pay : Receive : : Wash : ?
(a) Drench (b) Soil
(c) Neat (d) Clean
RRB Group D – 02/11/2018 (Shift-I)

Ans. (b) Just as, receive is opposite of pay. Similarly, soil is opposite of wash.

143. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Prose : Poetry :: Conversation : ……
(a) Poem (b) Listening
(c) Song (d) Language
RRB Group D – 02/11/2018 (Shift-II)

Ans. (a) The way prose is related to poetry. Similarly, conversation is related to song.

144. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Petty : Serious :: Yell : ?
(a) Whisper (b) Roar
(c) Sing (d) Talk
RRB Group D – 02/11/2018 (Shift-II)

Ans. (a) Just as, petty is opposite of serious. Similarly, yell will be opposite of whisper.

145. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Mend : Patch Up : : Bend : ?
(a) Mould (b) Disperse
(c) Crease (d) Twist
RRB Group D – 02/11/2018 (Shift-II)

Ans. (d) : Just as, synonyms of mend is patch up. Similarly, synonyms of bend is twist.

146. Based on the relationship between the first two words, find out the missing word.
FINDEN : AQUARIUM : : BIRDS : ……
(a) AVIARY (b) APIARY
(c) HIVE (d) DEEY
RRB NTPC 28.04.2016 Shift : II

Ans. (a) : The way fishes are kept in the aquarium, just like, birds are kept in the aviary.

147. Based on the relationship between the first two words, find out the missing word.
The Colosseum : Italy :: Petra : ……
(a) Mexico (b) Jordan
(c) Germany (d) Brazil
RRB NTPC 28.04.2016 Shift : II

Ans. (b) : Just as, the Colosseum is situated in Italy. Similarly, Petra is situated in Jordan. Petra and the Colosseum, both are a historical place.

148. Based on the relationship between the first two words, find out the missing word.
Bhartanatyam : Tamil Nadu :: Kuchipudi : ……
(a) Arunachal Pradesh (b) Odisha
(c) Andhra Pradesh (d) Kerala
RRB NTPC 28.04.2016 Shift : II

Ans. (c) : Just as, classical dance of Tamilnadu is Bharatanatyam like that, classical dance of Andhra Pradesh is Kuchipudi.

149. Choose the pair which is related in the same way as the words in the first pair from the given choices.
Error : Blunder :: …… : Excitent
(a) Acceptable (b) Tired
(c) Unsatisfactory (d) Spiteful
RRB NTPC 27.04.2016 Shift : I

Ans. (d) : The way error is synonyms of blunder. Same as, spiteful is synonyms of excitent.

150. Choose the pair which is related in the same way as the words in the first pair from the given choices.
NEST : BIRDS :: …… : LION
(a) DWELLING (b) BUSH
(c) FOREST (d) DEN
RRB NTPC 28.04.2016 Shift : I

Ans. (d) : Just as, birds live in the nest just like, lion live in the den.

151. Select the pair from given alternatives that are related like the words of the first pair.
WHISKY : DISTILLERY : : BEER : ……
(a) DAIRY (b) BREWERY
(c) BAKERY (d) SACHA
RRB NTPC 22.04.2016 Shift : III

Ans. (a) Just as, whisky is produced in distillery. Same as, beer is manufactured in bakery.

152. Find the correct option which has a similar relationship.
Produce : Waste : : Contract : ?
(a) Correct (b) Mouth
(c) Contrabid (d) Opposite
RRB NTPC 12.04.2016 Shift : III

Ans. (b) : Just as, waste is opposite of produce. Similarly, contract will be the opposite of mouth.

153. Select the pair from given alternatives that are related like the words of the first pair.
Grain : Grain: Pound:……
(a) Crinch (b) Weight
(c) Height (d) Commodities
RRB NTPC 12.04.2016 Shift : I

Ans. (b) : Just as, grain is a type of grain. Same as, pound is a type of weight.

154. Based on the analogy given, find the missing word from the given options.
Foot : Toes : : Hand : ?
(a) Thumb (b) Palm
(c) Fingers (d) Nails
RRB NTPC 14.04.2016 Shift : I

Ans. (c) : Just as, toes is related to foot. Like that fingers is related to hand.

155. Select the pair from given alternatives that are related like the words of the first pair.
Everest : Peak : : …… : ……
(a) Yamuna : River (b) Chilka : Lake
(c) Sparrow : Bird (d) Jupiter : Planet
RRB NTPC 14.04.2016 Shift : I

Ans. (d) : Just as, Everest is the highest peak among the peaks. Same as, Jupiter is the largest planet in the planets.

156. Select the pair from given alternative that are related like the words of the first pair.
Moth : Insect : : Mouse : .....
(a) Rodent (b) Cat
(c) Mole (d) Bat
RRB NTPC 18.04.2016 Shift : II

Ans. (a) : Just as, moth is a type of insect. Same as, mouse is type of rodent.

157. Select the pair from given alternative that are related like the words of the first pair
Night Blindness : Night : : ..... / Speech
(a) Talk (b) Stamp
(c) Speak (d) Lecture
RRB NTPC 19.04.2016 Shift : II

Ans. (b) : Just as, night blindness is related to night disease. Same as, stamp is related to speech disease.

158. Select the pair from given alternative that are related like the words of the first pair.
Circumvent : Bypass : Comprehensible : .....
(a) Understandable (b) Unclear
(c) Grasping (d) Appreciated
RPF SI 16.07.2019 Shift : I

Ans. (a) : Just as, circumvent is synonyms word of Bypass. Similarly, comprehensible will be synonyms word of understandable.

159. Select the pair from given alternative that are related like the words of the first pair
Avalanche : Ice : : Volcano : .....
(a) Lava (b) Sand
(c) Heat (d) Earth
RRB NTPC 19.04.2016 Shift : II

Ans. (a) : Just as, ice is produced from avalanche. Same as, lava is produced from volcano.

160. Find the missing word of the second word pair based on the relationship established between the first two words.
Terrestrials : Ants : : Amphibians : ...
(a) Fish (b) Dogs
(c) Frogs (d) Snails
RRB NTPC 18.01.2017 Shift : III

Ans. (c) : Just as, ants is a terrestrial name or frogs is a amphibians.

161. Find the missing word of the second word pair based on the relationship established between the first two words.
Yen : Dollar : : Turkey : .....
(a) Taka (b) Kyat
(c) Lira (d) Baht
RRB NTPC 18.01.2017 Shift : III

Ans. (c) : Just as, DOLLAR is the currency of USA. Same as, Lira is the currency of Turkey.

162. Choose the related pair from the given alternatives similar to the words given in the first pair.
Tennis : Court : : Boxing : .....
(a) STADIUM (b) RING
(c) PITCH (d) GROUND
RRB NTPC 02.04.2016 Shift : II

Ans. (b) : The way Tennis is played in court. Similarly, boxing is played in the ring.

163. Choose the related pair from the given alternatives similar to the words given in the first pair.
Cook : Hen : : Stag : .....
(a) Vixen (b) Hind
(c) Goose (d) Bridle
RRB NTPC 03.04.2016 Shift : III

Ans. (b) : Just as, hen is the feminine gender of "Cook". Same as, hind is the feminine gender of "Stag".

164. Choose the related pair from the given alternatives similar to the words given in the first pair.
West Bengal : Kolkata : : Meghalaya : ...
(a) Shillong (b) Dispur
(c) Kohima (d) Trivandrum
RRB NTPC 03.04.2016 Shift : III

Ans. (a) : Just as, Kolkata is the capital of West Bengal. Same as, Shillong is the capital of Meghalaya.

165. If Artifacts : Museum then Books : .....
(a) School (b) Book Shop
(c) Library (d) Shelf
RRB NTPC 04.04.2016 Shift : I

Ans. (c) : Just as, artifacts are kept in the Museum. Same as, books are kept in the library.

166. Choose the related pair from the given alternatives similar to the words given in the first pair.
Contemporary : Historic : : ..... / Ancient
(a) Past (b) Classic
(c) Modern (d) Future
RRB NTPC 05.04.2016 Shift : III

Ans. (c) : Just as, contemporary is the opposite word of historic. Same as, modern will be the opposite word of ancient.

167. If Voltmeter : Voltage, then Ammeter : .....
(a) Power (b) Current
(c) Energy (d) Pressure
RRB NTPC 05.04.2016 Shift : I

Ans. (b) : Just as, Voltmeter measures Voltage. Same as, Ammeter measures current.

168. Choose the related pair from the given alternatives similar to the words given in the first pair.
Car : Petrol : : Locomotive : .....
(a) Engine (b) Fire
(c) Coal (d) Smoke
RRB NTPC 05.04.2016 Shift-I

Ans. (c) : Just as, petrol is used into the car. Similarly, coal is used in locomotive.

169. The first pair of the word has a definite relation. Get the word of the same relation to complete the other pair.
River : Bank : : Sea : ?
(a) Shore (b) Creek
(c) Bay (d) Sand
RRB NTPC 17.01.2017 Shift-II

Ans. (a) : Just as, coast of river is called 'bank'. Same as, coast of sea is called 'shore'.

170. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Fish : Shoal :: Goats : _____ ?
(a) Herd (b) Work
(c) Gang (d) Mob
RRB Group-D – 11/12/2018 (Shift-I)

Ans. (b) : The way fish is related to shoal. Same as goats is related to herd.

171. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Vacant : Empty :: Solute : ?
(a) Cobra (b) Car
(c) Car (d) Dollar
RRB Group-D – 10/12/2018 (Shift-I)

Ans. (a) : Just as, vacant is synonyms word of empty. Same as, solute is the synonyms of solve.

172. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Listen : Understand :: Rest : ?
(a) Remedy (b) Empty
(c) Recreate (d) Rejuvenate
RRB Group-D – 12/11/2018 (Shift-II)

Ans. (d) : The way listen is related to understand. Same as, rest will be related to Rejuvenate.

173. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Eradicate : Destroy : Pleasure: _____ ?
(a) Dump (b) Sad
(c) Fort (d) Delight
RRB Group-D – 30/10/2018 (Shift-II)

Ans. (d) : Just as, Destroy is the synonyms of Eradicate. Same as Delight is the synonyms of Pleasure.

174. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Bow : Arrow : ____ : Bullet
(a) Fire (b) Gun
(c) Train (d) Shoot
RRB Group-D – 30/10/2018 (Shift-II)

Ans. (b) : Just as, Arrow is used in Bow. Same as, Bullet is used in Gun.

175. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Left : Right :: Vertical : _____
(a) Straight (b) Horizontal
(c) Flat (d) Down
RRB Group-D – 30/10/2018 (Shift-II)

Ans. (b) : Just as, Left is opposite of Right. Same as, Vertical is opposite of Horizontal.

176. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Wall : Block :: Window : ?
(a) Sill (b) Open
(c) Air (d) Gate
RRB Group-D – 26/10/2018 (Shift-II)

Ans. (b) : The way block is related to wall. Same as, open is related to window.

177. Select the word that is related to the fourth word on the same basis as the first word is related to the second word.
Hand : Glove :: Head : ?
(a) Gel (b) Oil
(c) Shower (d) Shower cap
RRB Group-D – 25/10/2018 (Shift-II)

Ans : (d) Just as, Glove worn on Hand. Same as, Shower cap worn on Head.

178. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Bee : Sting :: Snake : ?
(a) Ear (b) Cutel
(c) Bite (d) Hoe
RRB Group-D – 25/10/2018 (Shift-II)

Ans : (a) Just as, Bee has to sting which is injurious into body of an attacker. Similarly, Snakes is related to bite.

179. Select the word that is related to the third word on the same basis as the second word is related to the first word.
Heart : Cardiologist :: Bone : ?
(a) Orthopedist (b) Orthodontist
(c) Orthosaurs (d) Dermatologist
RRB Group-D – 23/10/2018 (Shift-I)

Ans. (a) : Just as, Cardiologist treats Heart related diseases. Same as, Orthopedist treats Bone related diseases.

180. Select the word that is related to the third word on the same basis as the second word is related to the first word.
Volcano : Lava :: Fire : ?
(a) Burns (b) Smoke
(c) Light (d) Flames
RRB Group-D – 23/10/2018 (Shift-II)

Ans. (b) : Just as, lava emits from volcano. Similarly, smoke emits from Fire.

181. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Tactful : Clear :: Approved :
(a) Suitable (b) Credible
(c) Obscure (d) Outward
RRB Group-D – 09/10/2018 (Shift-I)

Ans. (c) : Just as, Tactful is the opposite of clear. Same as, opposite is the opposite of obscure.

182. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Wait : Linger :: Die :
(a) Rot (b) Grave
(c) Bite (d) Married
RRB Group-D – 04/10/2018 (Shift-I)

Ans. (b) The way linger is related to wait that way grave is related to Die.

183. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Earth : Ball :: Parachute : _____
(a) Fish (b) Vacant
(c) Dive (d) Flag
RRB Group-D – 01/10/2018 (Shift-I)

Ans. (a) : Just as, the earth is shaped like a ball. Same as, pancake is shaped like a disc.

184. Select the option that is related to the third word on the same basis as the second word is related to the first word.
Wand : Yours :: Punish :
(a) Strict (b) Jail
(c) Righteous (d) Scale

RRB Group D – 05/10/2018 (Shift-I)

Ans. (a) : Just as, wand is the synonyms of yours just like punish is also synonyms of righteous.

Type - 2

185. Rolling is related to water as Sliding is related to
(a) Air (b) Surface
(c) Sensor (d) Sky

RRB NTPC 05/04/2021 (Shift-II) Stage Ist

Ans. (a) : Just as rolling is related to water, in the same way Sliding is related to Ice/Snow.

186. Heart is related to 'Cardiology' in the same way as kidney is related to _____
(a) Nuclear Medicine (b) Nephrology
(c) Neurology (d) Rheumatology

RRB NTPC 16/01/2021 (Shift-I) Stage Ist

Ans. (b) : Just as, the heart is studied under cardiology, same as the kidney is studied under Nephrology.

187. 'Gloves' is related to 'Hand' in the same way as 'Cap' is related to '_____'
(a) Neck (b) Back
(c) Head (d) Foot

RRB NTPC 12/01/2021 (Shift-I) Stage Ist

Ans. (c) : Just as, Gloves worn in Hands same as Cap worn on Head.

188. 'Hand' is related to 'Finger' in the same way as 'Foot' is related _____
(a) Nib (b) Pencil
(c) Ink (d) Dabber

RRB NTPC 04/02/2021 (Shift-I) Stage Ist

Ans. (a) : Just as, the work of the fingers in the hand is to hold the objects, in the same way the work of the nib in the pen is to write.

189. 'Bleatnance' (weight) is related to 'Horse' in the same way as 'Bleatnate' (Heat) is related to.
(a) Dog (b) Bear
(c) Ass (d) Goat

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (d) : Just as, the sound of the horse is neigh in the same way the sound of the goat is bleat.

190. As India is related to 'New Delhi', China is related to _____
(a) Pyongyang (b) Seoul
(c) Beijing (d) Tokyo

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (c) : Just as, the capital of India is 'New Delhi', in the same way the capital of China is 'Beijing'.

191. 'Garden' is related to 'Gardener' in the same way as 'Museum' is related to '_____'.
(a) Mineralogy (b) Curator
(c) Artist (d) Guide

RRB NTPC 30.12.2020 (Shift-I) Stage Ist

Ans. (b) : Just as, Garden is related to Gardener in same way Museum is related to Curator.

192. 'Manipur' is related to 'Imphal' in the same way as 'Nagaland' is related to '_____'.
(a) Gangtok (b) Aizawl
(c) Shillong (d) Kohima

RRB NTPC 09/01/2021 (Shift-I) Stage Ist

Ans. (d) : Just as, 'Imphal' is the capital of Manipur. Same as, 'Kohima' is the capital of Nagaland.

193. 'Church' is related to 'Christians' in the same way 'Synagogue' is related to '_____'.
(a) Muslims (b) Jews
(c) Parsis (d) Jains

RRB NTPC 09/01/2021 (Shift-I) Stage Ist

Ans. (b) : Just as, Church is the place of worship of Christians. Similarly, "Synagogue" is the worship place of Jews.

194. 'Light' is related to 'Darkness' in the same way as 'Transparent' is related to '_____'.
(a) Glass (b) Translucent
(c) Paper (d) Opaque

RRB NTPC 17/01/2021 (Shift-II) Stage Ist

Ans. (d) : Just as, antonyms of 'light' is 'dark' similarly antonyms of 'transparent' is 'opaque'.

195. 'Cricket' is related to 'Bat', in the same way as 'Tennis' is related to '_____'.
(a) Glove (b) Stick
(c) Wicket (d) Racquet

RRB NTPC 04/02/2021 (Shift-II) Stage Ist

Ans. (d) : Just as, Bat is used to play cricket. Similarly, Racquet is used to play tennis.

196. Select a word from the following four options that is related to the word 'South Africa' in the same way as the word 'Persian' is related to the word 'Iran'.
(a) Country (b) Portuguese
(c) Africa (d) English

RRB NTPC 10/02/2021 (Shift-II) Stage Ist

Ans. (d) : Just as, Persian language is spoken in Iran. Similarly, English is spoken in South Africa.

197. 'Income' is related to which of the following options in the same way as 'Expenditure' is related to 'Dill'?
(a) Salary (b) Revenue
(c) Profit (d) Tax

RRB NTPC 03/01/2021 (Shift-II) Stage Ist

Ans. (a) : Just as, Income is related with salary. Similarly, Expenditure is related with Dill.

198. Oxalate is related to Egg in the same way as metal is related to:
(a) Ore (b) Iron
(c) Gold (d) Aluminium
RRB NTPC 03.01.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, Oxalate is obtained from eggs
Same as - Metal is obtained from Ore.

199. A saw is related to wood in the same way as a knife ____?
(a) Vegetables (b) Beef
(c) Corner (d) Cover
RRB NTPC 05.04.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, wood is cut with a saw, in the same way vegetables are cut with a knife.

200. Which of the following is same as foot, inch and yard?
(a) Gram (b) Mile
(c) Quart (d) Pound
RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (b) : Mile is same as foot, inch and yard because these are units of length.

201. 'Supply' is related to 'Demand' in the same way as 'Production' is related to '_____'.
(a) Factory (b) Inventory
(c) Income (d) Consumption
RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, supply is related to demand. Same as, Production is related to consumption.

202. 'Cold' is related to 'Refrigerator' in the same way as 'Hot' is related to '_____'.
(a) Air conditioner (b) Fire
(c) Geyser (d) Oven
RRB NTPC 14.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, a refrigerator is used to cool a thing, in the same way, oven is used to heat something.

203. 'Minute' is related to 'Hour' in the same way as 'Inch' is related to '_____'.
(a) Measure (b) Foot
(c) Centigrade (d) Metre
RRB NTPC 20.01.12021 (Shift-II) Stage Ist

Ans. (b) : Just as, 'Minute' is related to 'Hour'. Similarly, 'Inch' is related to 'Foot'.

204. Select the option that is related to the 'Paise' in the same way as the 'centimeter' is related to the metre.
(a) Capital (b) Wealth
(c) Rupee (d) Coin
RRB NTPC 22.01.2021 (Shift-I) Stage Ist

Ans. (c) : Just as, 100 cm makes 1 metre, in the same way 100 paise makes 1 rupee.
Hence, option (c) will be correct answer.

205. 'Painting' is related to 'Brush' in the same way as 'Letter' is related to '_____'.
(a) Post-Office (b) Write
(c) Ink (d) Pen
RRB NTPC 30.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, by 'brush' we do 'painting' work. Similarly, by 'pen' we do some 'writing' work.

206. 'Day' is related to 'Night' in the same way as 'Cold' is related to '_____'.
(a) Fire (b) Winter
(c) Wet (d) Hot
RRB NTPC 09.02.2021 (Shift-II) Stage Ist

Ans. (d) : Just as, the antonym of 'day' is 'night'. Similarly, antonym of 'Cold' is 'hot'.

207. 'Story' is related to 'Reader' in the same way as '_____' is related to 'Listener'.
(a) Song (b) Singer
(c) Dance (d) Lyrics
RRB NTPC 17.02.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, Story is related reader.
Same as, Song is related to Listener.

208. 'Worker' is related to 'Restaurant' in the same way as 'Worker' is related to '_____'.
(a) School (b) Factory
(c) House (d) Shop
RRB NTPC 17.02.2021 (Shift-II) Stage Ist

Ans. (b) : Just as, worker related to restaurant. Similarly, worker is related to factory.

209. Animal is related to Zoology in the same way as Disease is related to:
(a) Cardiology (b) Botany
(c) Pathology (d) Astrology
RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (c) : Just as, Animal is related to Zoology. Similarly, Disease is related to Pathology.

210. 'Wheat' is related to 'Furniture' in the same way as 'Building' is related to 'House'?
(a) Carpenter (b) Wood
(c) Designer (d) Contractor
RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (a) : Just as, Mason builds a Building. Similarly, Carpenter makes a Furniture.

211. Car is related to tire in the same way as chair is related to:
(a) Back (b) Sit
(c) Rest (d) Legs
RRB Group-D – 28/09/2018 (Shift-II)

Ans. (d) Just as, car is related to tire in the same way chair is related to legs.

212. 'Mike' is related to 'Hit' in same way 'Late' is related to?
(a) 'Time' (b) 'Early'
(c) 'Appointment' (d) 'Day'
RRB Group-D – 30/11/2018 (Shift-I)

Ans. (b) : Just as, mike is opposite of hit. Same as, late is opposite of early.

213. Just as, Linen is related to clothes in the same way gold is related to.
(a) Metal (b) Graduate
(c) Hard (d) Yellow
RRB Group-D – 22/09/2018 (Shift-III)

Ans. (a) : Just as, Snow is related to clothes, so the same way gold is related to metal.

214. Just as, pond is related to water in the same way as mountain has following to.
(a) Bird (b) Stone
(c) Cloth (d) Animal

RRB Group-D – 27/09/2018 (Shift-I)

Ans. (b) The pond is related to water, in the same way as mountain is related to stone.

215. Just as, 'fast' is related to airplane in the same way slow is related to.
(a) Walk (b) Wayfarer
(c) Run (d) Bullock Cart

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (d) : Just as, 'fast' is related to airplane in the same way slow is related to Bullock Cart.

216. Just as, Brink is related to end in the same way as talk has to.
(a) Color (b) Gramble
(c) Silent (d) Pause

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (c) : Just as, Brink is opposite of end in the same way as Talk is opposite of silent.

217. Just as, New is related to Old in the same way Day is related to.
(a) Bright (b) Sun
(c) Time (d) Night

RRB Group-D – 27/11/2018 (Shift-I)

Ans. (d) : Just as, New is opposite of Old, Same as, Day is opposite of Night.

218. Just as, Check is related to Validate in the same way Make is related to.
(a) 'Create' (b) 'Lair'
(c) 'Protect' (d) 'Grant'

RPF Constable 22.05.2019 Shift – II

Ans. (a) Just as, 'Check' is related to 'Validate', in the same way 'Make' is related to 'Create'.

219. Just as, Knife is related to Cut in the same way Spanner is related to.
(a) Mechanic (b) Grip
(c) Grind (d) Drill

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (b) : Just as, Knife is related to 'Cut' in the same way 'Spanner' is related to 'Grip'.

220. Blue is related to Sky in the same way as Brown is related to:
(a) Mud (b) Wet
(c) Vessel (d) Board

RRB Group-D – 09/11/2018 (Shift-II)

Ans. (a) : Just as, 'Blue' is related to 'Sky' in the same way as 'Brown' is related to 'Mud'.

221. Lion is related to Roar, in the same way as Horse is related to_____.
(a) Skin (b) Neigh
(c) Bray (d) Hoof

RRB Group-D – 09/11/2018 (Shift-II)

Ans. (b) : Just as, 'Lion' is related to 'Roar', in the same way as 'Horse' is related to 'Neigh'.

222. If there is a page from book then, what is there through the window ?
(a) Tassel (b) Wood
(c) Window Glass (d) Room

RPF-SI 16.05.2019 Shift – II

Ans. (c) : Just as, a book has page. Similarly, window has a window glass.

223. Fishbowl is related to fish that colony belongs to.
(a) Ants (b) Cow
(c) Horse (d) Life

RRB NTPC 28.03.2016 Shift – III

Ans. (a) : Just as, Ants is a group of Fish. Similarly, Colony is a group of ants.

224. Solar is related to sun in the same way lunar is related to.
(a) Lunatic (b) Planet
(c) Moon (d) Star

RRB NTPC 30.03.2016 Shift – II

Ans. (c) : The way Solar is related to Sun in the same way Lunar is related to Moon.

225. If Quarantine : Isolation, then Freedom: _____
(a) Separation (b) Detention
(c) Liberation (d) Coordination

RRB NTPC 30.03.2016 Shift – I

Ans. (c) : If quarantine means isolation, then freedom means liberation.

226. 'Car' is related to 'Garage' in the same way as 'Hen' is related to _____.
(a) Kennel (b) Shed
(c) Coop (d) Stable

RRB ALP & Tec. (14-09-18 Shift-I)

Ans. (c) : Just as, 'Car' is related to 'Garage' in the same way as 'Hen' is related to 'Coop'.

227. Shoes is related to Slipper in the same way Coat is related to.
(a) Shirt (b) Pen
(c) Socks (d) Tie

RRB Group-D – 11/12/2018 (Shift-I)

Ans. (d) : The way 'Shoes' is related to 'Slipper' in the same way 'Coat' is related to 'Shirt'.

Type - 3

228. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TPN : XTR
LSK : PWO
(a) MIU : DGQ (b) QUD : UMZ
(c) ZMC : DGO (d) DGG : ZMC

RRB Group-D 28-09-2021 (Shift-II)

Ans. (c) : Series

T $\xrightarrow{+3}$ X R

P $\xrightarrow{+3}$ T

N $\xrightarrow{+3}$ R

And,

L $\xrightarrow{+3}$ P

S $\xrightarrow{+3}$ W

K $\xrightarrow{+3}$ O

Similarly, from option (c)-

Z $\xrightarrow{+3}$ D

M $\xrightarrow{+3}$ Q

C $\xrightarrow{+3}$ G

229. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

YVQ : HJL

WKG : RFB

(a) SIY : MDH (b) HUR : APM

(c) TBL : Clx (d) QSK : JLP

RRB Group-D 26-09-2022 (Shift-I)

Ans. (a) : first so,

Y —+7→ T W —−2→ B

V —+3→ Q K —−5→ F

Q —+4→ L G —−2→ E

Same so, from option (a)

230. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

JCD : XAB : SHV : KRT : RNF : ?

(a) PLR (b) POT

(c) QRU (d) PMR

RRB Group-D 14-09-2022 (Shift-I)

Ans. (a) : first so,

Same so,

Hence, RNF is coded as PLR.

231. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

MON : FLQ

KIT : SFW

(a) LPG : OMK (b) TAP : WYS

(c) PDV : SDQ (d) FET : SIW

RRB Group-D 30-09-2022 (Shift-I)

Ans. (c) : first so,

M —−12→ F E —−9→ N

O —−3→ L I —−9→ E

N —+3→ Q T —+3→ W

Same so,

P —−12→ L

L —−3→ O

L —−3→ Q

Hence, PDN is coded as SDQ

232. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ABC : EFG

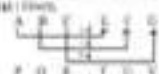
PQR : TUV

(a) SYZ : BCD (b) PLL : HMM

(c) MNO : PQR (d) GHI : JKT

RRB Group-D 14-09-2022 (Shift-I)

Ans. (a) : Clearly,



Similarly, from option (a)-

Hence, SYZ is coded as BCD.

233. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is to the third letter-cluster.

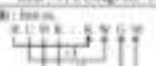
HUDK : KNGM : RHNF : UDQH : LPQN : ?

(a) OSTY (b) NRSX

(c) NSSY (d) ORTX

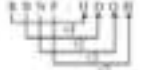
RRB NTPC (Stage-I) – 14/01/2022 (Shift-II)

Ans. (d) : first so,



And,

Same so,



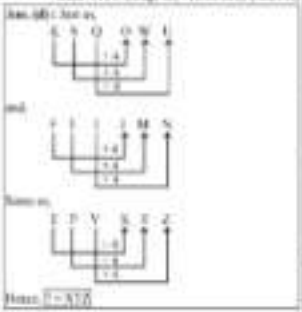
234. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

KSQ : OWU :: FLJ : JMN :: ZPV : ?

(a) ZSY (b) YRX

(c) YYZ (d) XTZ

RRB NTPC (Stage-II) – 16/06/2022 (Shift-I)



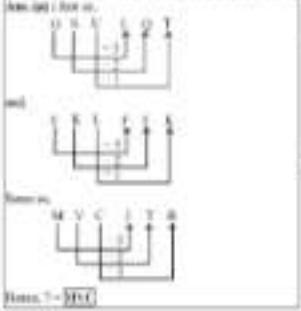
235. Select the option that is related to the sixth letter-cluster in the same way as the first letter-cluster is related to the second letter-cluster and the third letter-cluster is related to the fourth letter-cluster.

DSE : LQT :: IKL : YIK :: ? : JTR

(a) MVC (b) MWC

(c) NVD (d) NUD

RRB NTPC (Stage-II) – 16/06/2022 (Shift-II)



236. Select the option that is related to the sixth letter-cluster in the same way as the first letter-cluster is related to the second letter-cluster and the third letter-cluster is related to the fourth letter-cluster.

OCN : LBN :: OQU : TVZ :: ? : KRV

(a) GNT (b) ENS

(c) EMQ (d) TMT

RRB NTPC (Stage-II) – 16/06/2022 (Shift-III)

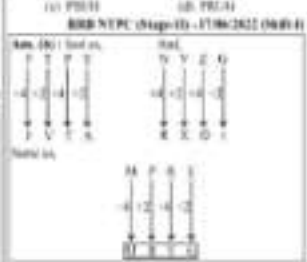
237. Select the option that is related to the fifth letter-cluster in the same way as the fourth letter-cluster related to the third letter-cluster and second letter-cluster is related to the first letter-cluster.

FTPY : JVTA :: NVJG : RNJD :: MPRE : ?

(a) QSVD (b) QRVG

(c) PSUH (d) PRUA

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)



238. Select the option that is related to the fifth letter-cluster in the same way as the fourth letter-cluster related to the third letter-cluster and second letter-cluster is related to the first letter-cluster.

IGRS : NJWV :: BMYF : GPDB :: XQNB : ?

(a) CUXF (b) HVWE

(c) HUWF (d) CTXE

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (d) : Just as,

I $\xrightarrow{-1}$ N

G $\xrightarrow{-1}$ F

R $\xrightarrow{-1}$ W

S $\xrightarrow{-1}$ V

And,

B $\xrightarrow{-1}$ G

M $\xrightarrow{-1}$ P

Y $\xrightarrow{-1}$ D

E $\xrightarrow{-1}$ I

Same as,

239. **Select the option that is related to fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.**

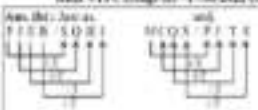
FHGR : SQRI :: MCQX : PFTE :: LRCT : ?

(a) ONFV (b) OTFX

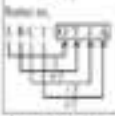
(c) QWHY (d) QYHX

HRD VTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (b) : Just as,



Same as,



240. **Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.**

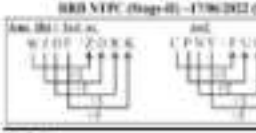
WJOF : ZOBK :: CPNV : FUQD :: XMLD : ?

(a) CWQI (b) AWOI

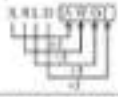
(c) AUOG (d) CUQG

HRD VTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (b) : Just as,



Same as,



241. **Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.**

EVXZ : HGBR :: URPQ : GZJV :: ZHQM : ?

(a) DNKR (b) ENVR

(c) HKJX (d) EQVX

HRD VTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (c) : Just as,

And,

Z $\xrightarrow{-3}$ W

V $\xrightarrow{-3}$ S

X $\xrightarrow{-3}$ U

J $\xrightarrow{-3}$ G

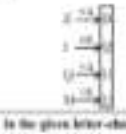
C $\xrightarrow{-3}$ Z

R $\xrightarrow{-3}$ O

P $\xrightarrow{-3}$ M

Q $\xrightarrow{-3}$ V

Same as,



242. **In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.**

POT : CPQ

INT : UTF

(a) CAT : UBD (b) PAU : UPU

(c) MEN : NFO (d) PTU : VUV

HRD Group-D – 29/06/2022 (Shift-III)

Ans. (a) : Just as,

And,

Similar by from option (a),

Hence, CAT is coded as UBD.

243. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

QSD : TNG

GMS : JPV

(a) MVO : PQT (b) NRT : STXD

(c) RPO : UNK (d) OWL : ZSY

RRB Group-D- 26/09/2022 (Shift-I)

Ans.(c) : Such as,

Similarly,

and,

Hence, RPO is coded as UNK.

244. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given option, select the pair that follows the same logic.

ADG : EHK

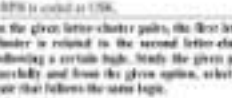
EIF : XNJ

(a) RUH : OSL (b) JQR : NTV

(c) TPR : OLZ (d) IPU : RKN

RRB Group-D- 26/09/2022 (Shift-I)

Ans.(a) : Such as,



Similarly,

and,

Hence, RUH is coded as OSL.

245. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

BLG : DHM

GMQ : IW

(a) QDR : TZX (b) ULF : WOL

(c) CMI : EJN (d) VFT : XTP

RRB Group-D- 29/08/2022 (Shift-I)

Ans.(c) : Such as,

Similarly,

and,

Hence, option (c) is correct.

246. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

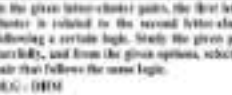
AGE : QOM :: YWU : GBC

(a) NLJ : VTR (b) ONL : XWU

(c) PQR : MLK (d) PNM : UTS

RRB Group-D- 08/09/2022 (Shift-II)

Ans.(d) : Such as,



and,

Similarly,

Hence, option (d) is correct answer.

247. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

HP : MV

DL : RO

(a) GU : LI (b) AL : FO

(c) GR : KZ (d) EE : CY

RRB Group-D- 15/09/2022 (Shift-III)

Ans. (b) : Such as,

Similarly,

and,

Hence, option (b) is correct answer.

248. In the given letter-cluster triads, the letter-cluster in a particular triad are related following a certain logic. Study the given triads carefully and from the given options, select the triad that follows the same logic.

(ACE : BDF : CEG)

(SUW : TVX : UWY)

(a) (ACT : BDE : CTG)

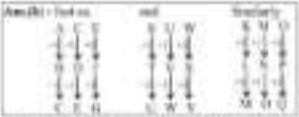
(b) (EMO : LNP : MOQ)

(c) (QRS : TUV : WXY)

(d) (SUW : TVX : YAC)

RRB Group-D- 08/09/2022 (Shift-I)

Ans.(b) : Such as, and Similarly



249. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PATN : APNT :: SODE : OSED :: JUNT : ?

(a) UTN (b) TUN

(c) JTUN (d) SUJT

RRB Group-D- 06/10/2022 (Shift-I)

Ans.(a) : Such as, Similarly,

And,

Hence option (a) is correct answer.

250. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

BTY : ZVK

KUY : ZWN

(a) KYT : WAL (b) ABG : SLD

(c) APN : IRN (d) AED : SUD

RRB Group-D- 09/09/2022 (Shift-III)

Ans.(d) : Such as, Similarly,

And,

Hence option (d) is correct answer.

251. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

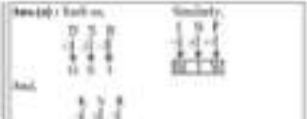
DXR : GRI :: KVR : NQV :: JNP : ?

(a) MIW (b) MIV

(c) MHW (d) MIY

RRB Group-D- 16/09/2022 (Shift-III)

Ans.(a) : Such as, Similarly,



And,

Hence ? = MIW

252. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

ALM : UPQ

NSO : RWS

(a) FVD:GOS (b) ALT:RVM

(c) FPG:JTR (d) OSO:PCV

RRB Group-D- 14/09/2022 (Shift-II)

Ans. (c) : Such as, And,

Similarly, from option (c),

253. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

MGR : NTY

THK : GNP

(a) CRN : NIC (b) LUP : ONJ

(c) QRW : JWU (d) MET : NVH

RRB Group-D- 16/09/2022 (Shift-III)

Ans. (c) : Such as, And,

Similarly from option (c),

Hence option (c) is correct.

254. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BFHN : HBDH :: DHFM : JDBH :: FOWL : ?

(a) LPSG (b) KPSS
(c) KOTT (d) LPSF

RRB Group-D- 02/09/2022 (Shift-I)

Ans. (a) : Such as,

and,

Hence, ? = LPSG.

255. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

AOE : FLI

BKY : WQV

(a) CBU : UCS (b) JPM : OUX
(c) QRI : VKN (d) DIV : JUP

RRB Group-D- 22/09/2022 (Shift-III)

Ans.(c) : Such as,

and,

Hence, ? = VKN.

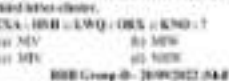
256. Select the option that is related to the first letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

CXA : HSB :: LWQ : ORX :: KNO : ?

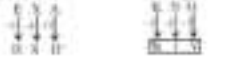
(a) NIV (b) MIW
(c) MIV (d) NIIW

RRB Group-D- 20/09/2022 (Shift-III)

Ans. (a) : Such as,



and,



Hence, ? = NIV.

257. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follow the same logic.

DEP : HLT

MND : QWS

(a) WSE : WOO (b) SEW : KOO
(c) SEW : WOO (d) SEF : WOO

RRB Group-D- 13/09/2022 (Shift-III)

Ans. (d) : Such as,

and,

Hence, ? = WOO.

258. Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the cluster pair from among the options that follows the same logic.

QTS : WZY

MPG : SVM

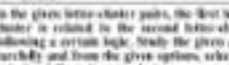
(a) HKW : HQR (b) HKW : NQC
(c) HKW : HXO (d) HKW : NIC

RRB Group-D- 13/09/2022 (Shift-I)

Ans. (b) : Such as,

and,

Similarly



259. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

XSD : EWH

FGH : JKL

(a) GTU : ICY (b) JKL : MOP
(c) WSP : OBQ (d) CDE : GFM

RRB Group-D- 01/09/2022 (Shift-II)

Ans. (b) : Such as,

260. Given below are two letter-cluster pairs in which the second letter-cluster is related to the first letter-cluster following a certain logic. Select the letter-cluster pair from among the options that follows the same logic.

CFG : PGC

UIM : JMU

(c) UQK : QKO (d) UQK : KQU
(e) UQK : QKV (e) UQK : QUK

RRB Group-D- 06/09/2022 (Shift-I)

Analysis : first set

CPG : P G C TJM : J M T

1 2 3→2 3 1 1 2 3→2 3 1

Same as, From option (a)

V Q K : Q K V

1 2 3→2 3 1

Hence, option (a) is correct.

261. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

ACE : BDF

GUX : HVY

(a) MH : KQP (b) MQP : MHG

(c) OIF : NOE (d) IOL : SQO

RRB Group-D 11-10-2022 (Shift-II)

Ans. (b) : first set,

A →+1→ B

C →+1→ D

E →+1→ F

and,

G →+1→ H

U →+1→ V

X →+1→ Y

Same as,

M →+1→ N

Q →+1→ R

P →+1→ Q

Hence option (b) is correct.

262. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that following the same logic.

TNRA : ZDIG

OLEV : EVOL

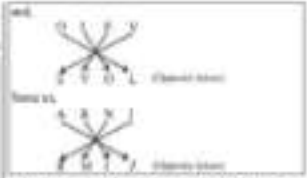
(a) EVRA : ZIIQ (b) ARNE : EMIZ

(c) CRYF : YEIX (d) IPMN : INKQ

RRB Group-D 17-09-2022 (Shift-I)

Ans. (b) : first set,

and,



263. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

GKV : IMX

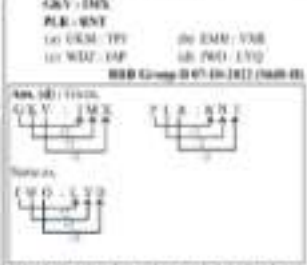
PLR : RNT

(a) UKM : TPI (b) EMR : VNR

(c) WDU : IAF (d) JWO : LYQ

RRB Group-D 07-10-2022 (Shift-II)

Ans. (d) : Given,



264. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

VHF : UNB

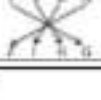
OLS : KJHO

(a) OKA : LPZ (b) TZK : GWS

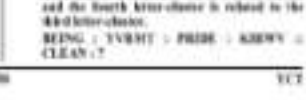
(c) MPL : KJE (d) RJM : TYT

RRB Group-D 07-10-2022 (Shift-I)

Ans. (c) : first set,



and,



similarly,

Hence, MPL is related to KJE.

265. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

BEING : YVRHT : PRIDE : KJEWN :: CLEAN : ?

(c) XPVRM (d) XOVZM
(e) XOWZM (d) GOVZP

RRB Group-D 19-08-2022 (Shift-I)

Ans. (b) First as,

M O I N G
↓ ↓ ↓ ↓ ↓
Y T R M T (Opposite letters)

and,

P R I D E
↓ ↓ ↓ ↓ ↓
K I R W V (Opposite letters)

Same as,

C L E A N
↓ ↓ ↓ ↓ ↓
X O V Z M (Opposite letters)

246. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

SMILE : ELIMS :: MASTE : ETSAM :: STABV : ?

(a) SRVAT (b) VRATS
(c) VTARS (d) VRTAS

RRB Group-D 19-08-2022 (Shift-II)

Ans. (b) First as, (1 2 3 4 5 — 5 4 1 2 3)

S M I L E → E L I M S

and, (1 2 3 4 5 — 3 4 5 2 1)

M A S T E → E T S A M

Same as, (1 2 3 4 5 — 5 4 3 2 1)

S T A B V → V R A T S

247. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PORTUGAL : UTRPOLGA :: URANUS : UUSRNA :: AMRITSAR : ?

(a) AATRRSM (b) TRSMRAA
(c) TSRRMAA (d) TSMRRAA

RRB Group-D 19-08-2022 (Shift-III)

Ans. (b) First as,

P O R T U G A L → U T R P O L G A

and,

U R A N U S → U U S R N A

Same as,

A M R I T S A R → T S R R M A A

All the letters of given words are arranged in descending order.

248. Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

DOLPHIN : ALIMENK :: GROUP : DOLRUN :: SHARK : ?

(a) PEXOH (b) PUVOH
(c) VEXUN (d) PEXOH

RRB Group-D 27-09-2022 (Shift-II)

Ans. (d) First as,

D → A
O → L
L → I
P → M
H → E
I → F
N → K

and,

D → D
R → O
O → L
U → R
P → M

Similarly

S → P
H → E
A → X
R → U
K → H

249. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

FAKE : GZLD :: CALL : DIMK :: PICK : ?

(a) QHKL (b) QNIK
(c) QHIL (d) QNIH

RRB Group-D 30-08-2022 (Shift-II)

Ans. (d) First as,

F → G
A → Z
K → L
E → D

and,

C → D
A → Z
L → M
L → K

Same as,

P → Q
I → H
C → D
K → J

250. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

LEN : PXP

WXP : AAR

(a) NIR : RLD (b) NOV : RQV

(c) TIN : XLQ (d) FLG : NVI

RRB Group-D 30-08-2022 (Shift-III)

Ans. (a) : Such as,

Hence, first option (a).

271. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully and from the given options, select the pair that follows the same logic.

LINE : VIRUD

COAT : IPORS

(a) TRIP : USVI (b) PAIR : QJSQ

(c) CLUE : DKVF (d) EQIR : IPPA

RRB Group-D- 12/09/2022 (Shift-I)

Ans. (b) : Such as,

Hence, ? = QJSQ

272. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

ALMOST : MLAENO : BELIVS : GEBNSI : CMEMPA : ?

(a) BICPMS (b) BICPSM

(c) BICSMP (d) BICSPM

RRB Group-D- 16/09/2022 (Shift-III)

Ans. (d) : Such as,

Hence, ? = BICSPM

273. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

NALAYAK : KAYALAN :: BEAUTY : YTUAEB :: POVERTY : ?

(a) YPWEROV (b) WOPVETY

(c) YTREWOP (d) YRTEWOP

RRB Group-D- 16/09/2022 (Shift-III)

Ans. (c) : Such as,

NALAYAK → KAYALAN

and,

BEAUTY → YTUAEB

Similarly,

POVERTY → YTREWOP

Note : → Reversing the letter of word.

274. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

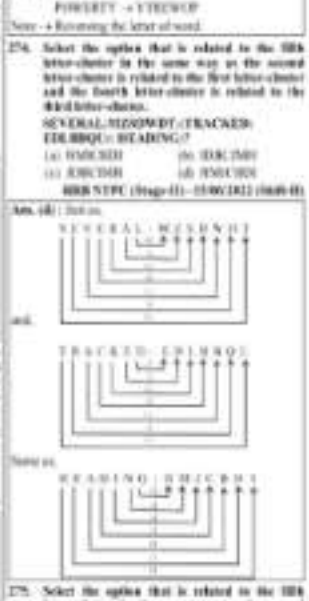
SEVERAL:MIZOWDT :: TRACKED: EDLRBQU :: READING :?

(a) IOSCXDH (b) IDSCIMN

(c) JOSCXDH (d) JNSCIDN

RRB NTPC (Stage-II)– 15/09/2022 (Shift-II)

Ans. (d) : Such as,



Hence, ? = JNSCIDN

275. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PROFESS : OBPSSEP :: CONEADS : NOCNIAT :: ROUTINE : ?

(a) UROINT (b) TORENE
(c) UORMET (d) UORENT

RRB Group-D- 02/09/2022 (Shift-III)

Ans. (d) : Such as,

and

Hence ? = UORENT

276. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

COWBOY : WOCYOB

TANGLE : NATELG

(a) TLOWUR : OLTRUW
(b) CROWDS : OROWSC
(c) MAMGLE : NMALEG
(d) PICKLE : CIPLKE

RRB Group-D- 17/08/2022 (Shift-II)

Ans. (a) : Such as,

and

Same as,

From option (a)

Hence, option 'a' is correct.

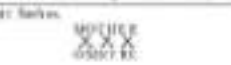
277. Select the option that is related to the fifth term in the same way as the fourth term is related to the third term and the second term is related to the first term.

MOTHER : OTHERE :: DAUGHTER : ABGE THRE :: SIBLINGS : ?

(a) RNMLNG (b) TILBNNG
(c) SGNLBS (d) LBSNGNI

RRB Group-D- 22/09/2022 (Shift-II)

Ans. (b) : Such as,



and

Similarly

Hence, ? = TILBNNG

278. Select the option that is related to the third term in the same way as the second term is related to the first term.

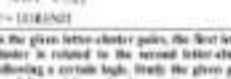
BOWL : BMVJ :: PLATE : ?

(a) JRCXV (b) RICXG
(c) NMVXU (d) RNCVG

RRB NTPC 31.07.2021 (Shift-I) Stage-Ist

Ans. (b) : Such as,

Same as,



Hence, ? = RICXG

279. Select the option that is related to the third term in the same way as the second term is related to the first term :

DFHJ : EHKN :: OQSU : ?

(a) PSVY (b) PQUY
(c) PRVY (d) PRUX

RRB NTPC 10.01.2021 (Shift-I) Stage-Ist

Ans. (a) : Such as,

D F H J
+1↓ +2↓ +3↓ +4↓
E H K N

Same as,

O Q S U
+1↓ +2↓ +3↓ +4↓
P S V Y

280. Which of the following would best complete the relation given below?

AFI : M :: ABA : ?

(a) K (b) O
(c) S (d) J

RRB JE - 01/06/2019 (Shift-III)

Ans. (a) : Such as

AFI = M
$169 = 13^2$

Same as,

ABA = K
$121 = 11^2$

281. Select the option that is related to the third term in the same way as the second term is related to the first term.

BOWL : BMVJ :: PLATE : ?

(a) JRCXV (b) RICXG
(c) NMVXU (d) RNCVG

RRB NTPC 31.07.2021 (Shift-I) Stage-Ist

Ans. (b) : Just as,

B → D
D → M
F → P
L → J

Same as,

P → F
L → J
A → C
J → R
S → Q

Hence, ? = RICHQ

192. Select the option that is related to the third term in the same way as the second term is related to the first term :

DFHJ : EHKN :: OQSU : ?

(a) PSVY (b) PQXY
(c) PRVY (d) PSVA

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (a) : Just as,

D F H J
+1↓ +2↓ +2↓ +4↓
E H K N

Same as,

O Q S U
+1↓ +2↓ +2↓ +4↓
P S V Y

193. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RAM : FBG :: SPQ : ?

(a) QQR (b) QQY
(c) QPS (d) QQS

RRB NTPC 14.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

R A M
−2↓ −1↓ +3↓
F B G

Same as,

S P Q
−2↓ −1↓ +3↓
Q O T

Therefore option (d) is correct.

194. Select the letter-cluster that can replace the question mark (?) in the following analogy.

YLP : KOH :: BUR : BFY :: RAV : ?

(a) MZI (b) NOX
(c) PYD (d) LUR

RRB NTPC 14.01.2021 (Shift-I) Stage Ist

Ans. (c) : Just as,

Y ...Reverse...→B
L ...Reverse...→O
P ...Reverse...→K

Same as,

R ...Reverse...→I
A ...Reverse...→Z
V ...Reverse...→E

And,

B ...Reverse...→Y
U ...Reverse...→F
R ...Reverse...→B

Same as, the answer will be RAV : MZI

195. HJF is related to 'KMO' in the same way as 'CBA' is related to _____.

(a) EDC (b) FDE
(c) GHE (d) FGD

RRB NTPC 01.04.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

H J F
+2 +2 +2
K M O

Similarly,

C B A
+2 +2 +2
E D F

Hence, option (d) is correct.

196. In a certain code language, ALIGATOR is written as LAIGRATO. How will COMPUTER be written as in that language?

(a) PMOCRUTE (b) OCRUPMTE
(c) OCPMTURE (d) RETUPMOC

RRB NTPC 06.04.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,

A L I G A T O R → L A I G R A T O
1 2 3 4 5 6 7 8 → 2 1 3 4 7 5 6 8

Same as,

C O M P U T E R → O C R U P M T E
1 2 3 4 5 6 7 8 → 2 1 8 7 4 3 6 5

197. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

RAMO : SCPN :: VXMJ : ?

(a) WQJN (b) WQPN
(c) WPJN (d) WJPN

RRB NTPC 28.12.2020 (Shift-I) Stage Ist

Ans. (d) :

Just as,

R → L
−3
O → C
−3
M → J
−3
A → N
−3

Similarly,

V → W
+2
X → Z
+2
M → P
+2
J → M
+2

Hence, ? = WJPN

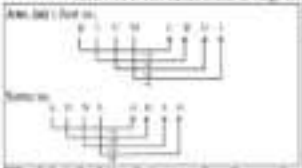
288. Select the option that is related to the third term in the same way as the second term is related to the first term.

BLCM : FHGE :: KRWS : ?

(a) OEAO (b) OLAW

(c) OEMO (d) OLSO

RRB NTPC 11.01.2021 (Shift-I) Stage Ist



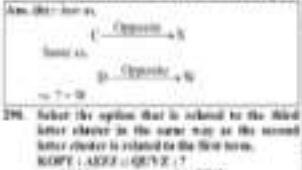
289. Select the letter that can replace the question mark (?) in the following series.

C : N :: D : ?

(a) X (b) W

(c) U (d) V

RRB NTPC 16.01.2021 (Shift-II) Stage Ist



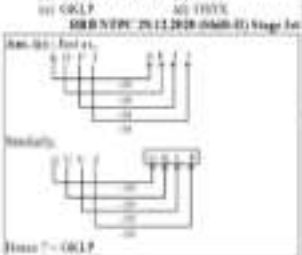
290. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first term.

KOPT : AEFJ :: QEVZ : ?

(a) NRVK (b) PEUY

(c) OGLP (d) TIYX

RRB NTPC 29.12.2020 (Shift-II) Stage Ist



291. Identify the letter-pair from among the given options that expresses a relationship most similar to that expressed in the following letter - pairs.

rh, vi, lg, ?

(a) jt (b) ph

(c) ux (d) ov

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

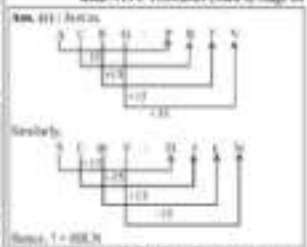
292. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

ACEG : PRTV :: SUWY : ?

(a) HYSB (b) GIKM

(c) SILN (d) HILM

RRB NTPC 13.01.2021 (Shift-I) Stage Ist



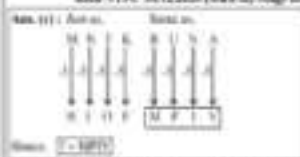
293. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

MNTK : HIOP :: RUNA : ?

(a) MPN (b) VXM

(c) MPV (d) NPU

RRB NTPC 16.12.2020 (Shift-II) Stage Ist



294. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CL FM, ?, LS, OV

(a) HL (b) IP

(c) HX (d) KU

RRB NTPC 13.01.2021 (Shift-II) Stage Ist

Ans. (b) : The series is as follows.

Hence, ? = P

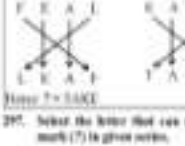
295. Select the option in which the terms share the same relationship as that shared by the given pair of terms.
DMB : WNL
(a) CFN : XUT (b) ZXT : BGO
(c) DQG : ELP (d) GIH : FSR
RRB NTPC 02.01.2021 (Shift-2) Stage 1st

Ans. (d) : Set as,

Similarly,

296. Select the option that is related to the third term in the same way as the second term is related to the first term.
PEAK : LEAF :: EASY : ?
(a) ITAK (b) KETA
(c) KATE (d) TAKE
RRB NTPC 23.01.2021 (Shift-1) Stage 1st

Ans. (d) :
Set as,

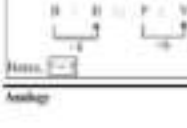


Similarly

Hence, ? = TAKE

297. Select the letter that can replace the question mark (?) in given series.
B : B :: P : V :: N : ?
(a) T (b) P
(c) M (d) K
RRB NTPC 11.01.2021 (Shift-1) Stage 1st

Ans. (a) : Given series is as follows–



Hence, ? = T

298. Choose the pair from the given option that are related like the words of the first pair.
PALE : LEAP :: PUSH : .....
(a) HOPO (b) SHOP
(c) POSH (d) SHOP
RRB NTPC 19.01.2017 Shift : 1

Ans. (d) : Set as,

PALE → LEAP

Same as,

PUSH → SHOP

299. Choose the pair from the given option that are related like the words of the first pair.
ACE : FHJ :: OQN : .....
(a) TVX (b) PRS
(c) TXV (d) RPS
RRB NTPC 19.01.2017 Shift : 1

Ans. (a) : Set as,

Same as,

300. Complete the code.
CD : GA :: PQ : ?
(a) SM (b) SN
(c) UN (d) TV
RRB NTPC 17.01.2017 Shift-1

Ans. (d) : Set as,

Likewise

301. Select the missing term based on the given related pair of letter clusters.
ABC : ZYX :: DEF : .....
(a) VUW (b) UVW
(c) WUV (d) WVU
RRB ALP & Tec. (27-08-18 Shift-III)

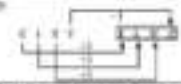
Ans. : (d) Set as,

Similarly

302. Select the related letters from the Given alternatives.
PUNE : SMQF :: CITY : .....
(a) FLNZ (b) EKNZ
(c) GMNZ (d) FLWZ
RRB ALP & Tec. (14-08-18 Shift-II)

Ans. (d) : Set as,

Similarly,



101. Select the missing term based on the given related pair of letter clusters.
RFK : DMR : : BGP : ?
(a) KNN (b) KNW
(c) KNZ (d) WNK
RRB ALP & Tec. (20-08-18 Shift-I)

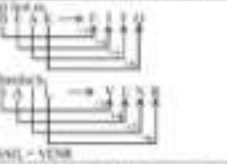
Ans. (b) Solution.

102. Find the missing term for the related pair of letter clusters.
RAMA : MARA : : SITA : ?
(a) TSAI (b) TIAS
(c) SIAT (d) TISA
RRB ALP & Tec. (17-08-18 Shift-I)

Ans. (d) Solution.

103. Select the missing term from the related pair of letter clusters :
BEAK : EIFQ : : SAIL : ?
(a) REMV (b) VRDN
(c) VENR (d) VERN
RRB ALP & Tec. (17-08-18 Shift-I)

Ans. (c) Solution.



Hence, SAIL = VENR

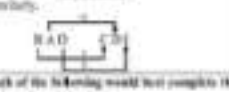
104. Select the related letters from the given alternatives.
VNR : ZJN : : AKT : ?
(a) ORS (b) EOU
(c) FOS (d) EOU
RRB ALP & Tec. (20-08-18 Shift-I)

Ans. (d) Solution.

105. Which of the following would best complete the relation given below?
RAT: NDU : : BAD: ?
(a) CDI (b) BFL
(c) LFD (d) DCI
RRB JE - 30/05/2019 (Shift-III)

Ans. (a) Solution.

Similarly,



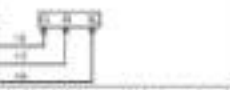
106. Which of the following would best complete the relation given below?
BEEL DIOKL : : LOQTU?
(a) NUMQ (b) MJSV
(c) NQVS (d) NSQV
RPF Constable 22.01.2019 Shift : III

Ans : (b) Solution.

107. Which of the following would best complete the relation given below?
MORQ : STW : : ACE : ?
(a) EGH (b) IKGL
(c) HIK (d) GHK
RRB JE - 27/05/2019 (Shift-II)

Ans : (d) Solution.

Similarly,

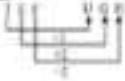


108. Which of the following would best complete the relation given below?
ZYX : PQR : : XYZ : ?
(a) PRU (b) QRP
(c) RQP (d) TZX
RRB JE - 27/05/2019 (Shift-III)

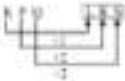
Ans. (c) Solution.

109. Which of the following would best complete the relation given below?
UEF : UGH : : KPQ : ?
(a) LSR (b) LRS
(c) RSL (d) NRS
RRB JE - 27/05/2019 (Shift-I)

Ans. (b) : Just as,



Similarly,



So, ? = LBD

112. Which word would best complete the relation given below ?
BR : JP :: FK : ?
(a) NT (b) MS
(c) OT (d) NS

RRB JE - 30/05/2019 (Shift-II)

Ans. (d) : Just as,

Same as,

113. Which of the following would best complete the relation given below?
BPM: HZD:: SVK: ?
(a) SLN (b) OHD
(c) ML (d) JMO

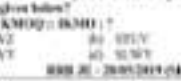
RRB JE - 29/05/2019 (Shift-I)

Ans. (b) Just as,

114. Which of the following would best complete the relation given below?
ACEG : KMOQ :: HKMO : ?
(a) SUWZ (b) STUV
(c) SVWY (d) SUWY

RRB JE - 28/05/2019 (Shift-II)

Ans. (d) : Just as,



Same as,

115. Which of the following would best complete the relation given below?
FHJ: NRSU: QSW:?
(a) QUZ (b) SVX
(c) SVY (d) XSV

RPF SI 12.01.2019 (Shift - I)

Ans. (b) : Just as, Same as,

116. Which of the following would best complete the relation given below?
BPC : CQD :: RIN : ?
(a) SKT (b) TJN
(c) TKS (d) SJT

RRB JE - 26/05/2019 (Shift-II)

Ans. : (d) Just as,

Similarly,

117. Select the pair that represents the same relation as the pair given below.
ABD : EGH
(a) BG : NRT (b) GPH : UTV
(c) EL : MUP (d) GIT : IPR

RRB JE : 01/06/2019 (Shift-III)

Ans. (c) Just as,

Similarly,

118. Find the missing term in this series
EARTH : RDUWK :: VENUS : ———?
(a) YQRVX (b) YQRXV
(c) YQXRV (d) YHQXV

RRB Group-D - 05/11/2018 (Shift-III)

Ans. (d) : Just as, Same as,

So, missing term will be YHQXV.

Type - 4

119. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
8 : 25 :: 7 : 84 :: 11 : ?
(a) 144 (b) 169
(c) 121 (d) 196

RRB Group-D 24-08-2022 (Shift-II)

Ans. (b) : Here as,

$(27 - 6)^2 / 27 = 27$

And,

$(7 - 3)^2 / 4 = 4$

Same as,

$(11 - 7)^2 / 16 = 16$

Hence, $7 = 308$

119. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13– Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed.

Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(17, 238, 7)

(23, 414, 9)

(a) (21, 270, 9) (b) (19, 228, 19)

(c) (13, 273, 7) (d) (19, 190, 9)

RRB Group-D 27-09-2022 (Shift-II)

Ans. (a) : Here as –

$(17 \cdot 238 \cdot 7) \Rightarrow 17 + (17 \div 2) = 214$

$17 \times 14 = 238$

and,

$(23 \cdot 414 \cdot 9) \Rightarrow 23 + (69 \div 2) = 414$

$23 \times 18 = 414$

From option (a)

Same as –

$(27 \cdot 270 \cdot 9) \Rightarrow 27 + (9 \div 2) = 270$

$27 \times 10 = 270$

121. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE:- 13 – Operations on 13 such as adding/ subtracting/multiplying etc. to 13 can be performed Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(11, 117, 2)

(9, 36, 3)

(a) (12, 108, 6) (b) (13, 169, 2)

(c) (7, 40, 3) (d) (10, 98, 2)

RRB Group-D 27-09-2022 (Shift-III)

Ans. (a) : Here as –

$(11, 117, 2) \Rightarrow (11 + 2) \times (11 - 2)$

$\Rightarrow 13 \times 9 = 117$ (Mid Number)

and,

$(9, 36, 3) \Rightarrow (9 + 3) \times (9 - 3)$

$\Rightarrow 16 \times 6 = 36$ (Mid Number)

From option (a),

Same as,

$(12, 108, 6) \Rightarrow (12 + 6) \times (12 - 6)$

$\Rightarrow 18 \times 6 = 108$ (Mid Number)

122. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed, Breaking down 13 into 1 and 3 and then performing mathematical operations of 1 and 3 is not allowed.)

(11, 24, 57) (7, 39, 60)

(a) (17, 38, 81) (b) (14, 28, 42)

(c) (12, 35, 59) (d) (15, 41, 86)

RRB Group-D 27-09-2022 (Shift-II)

Ans. (d) : Here as,

$(11, 24, 57)$

$\Rightarrow 11 \times 5 + 24 = 57$

and,

$(7, 39, 60)$

$\Rightarrow 7 \times 5 + 39 = 60$

Similarly from option (d),

$(15, 41, 86)$

$\Rightarrow 15 \times 5 + 41 = 86$

123. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

Note:-Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding / subtracting/multiplying etc. to 13 can be performed breaking down 13 into 1 and 3 then performing mathematical operations on 1 and 3 is not allowed)

(12, 112, 9)

(6, 26, 4)

(a) (12, 149, 12) (b) (16, 94, 9)

(c) (13, 55, 4) (d) (11, 90, 9)

RRB Group-D 30-08-2022 (Shift-I)

Ans. (b) : Here as,

$(12 + 9) \times 8 = 112$

And,

$(6 + 4) \times 4 = 29$

Same as from option (b),

$(16 + 9) \times 4 = 94$

Hence, option (b) is correct.

324. Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits, E.g. 13 – operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(1, 6, 4)
(3, 15, 9)

(a) (20, 33, 11) (b) (1, 16, 8)
(c) (9, 25, 7) (d) (2, 16, 8)

RRB Group-D 20-09-2022 (Shift-II)

Ans. (a) : first set,
(1, 6, 4) → 1 × 2 + 4
= 6 (middle number)
And,
(3, 15, 9) → 3 × 2 + 9
= 15 (middle number)
Similarly from option (a),
(9, 25, 7) → 9 × 2 + 7
= 25 (middle number)

325. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
20 : 30 :: 42 : 7 :: 72 : 90

(a) 15 (b) 31
(c) 32 (d) 36

RRB Group-D 20-09-2022 (Shift-II)

Ans. (d) : first set,

20 :	30
↓	↓
4 × 5	(4 + 1) × (5 + 1)

And,

72 :	90
↓	↓
8 × 9	(8 + 1) × (9 + 1)

Similarly,

42 :	56
↓	↓
6 × 7	(6 + 1) × (7 + 1)

Hence, 7 × 9

326. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE:- Operation should be performed on the whole numbers, without breaking down the numbers into its constituent digits, E.g. 13 – Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(24, 42)
(36, 63)

(a) 72, 93 (b) 48, 82
(c) 48, 96 (d) 36, 93

RRB Group-D 20-09-2022 (Shift-I)

Ans. (a) : first set,

(24, 42) →	24	42
	↓	↓
	6 × 4	6 × 7

and,

(36, 63) →	36	63
	↓	↓
	9 × 4	9 × 7

Same as from option (a),

(72, 93) →	72	93
	↓	↓
	12 × 6	12 × 7

Hence, option (a) is correct.

327. Select the set in which the numbers are related in the same way as are the numbers of the of the following sets.
(Note- Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits, E.g. 13- Operations on 13 such as adding / deleting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 then performing mathematical operations on 1 and 3 is not allowed)
(2, 4, 10)
(4, 6, 16)

(a) (6, 7, 65) (b) (3, 5, 32)
(c) (5, 8, 19) (d) (2, 3, 49)

RRB Group-D 24-08-2022 (Shift-III)

Ans. (b) : Such as,
$(2, 4, 10) \rightarrow (2)^2 + (4)^2 - 2 = 20 - 2 = 18$
and,
$(4, 6, 16) \rightarrow (4)^2 + (6)^2 - 2 = 52 - 2 = 50$
Similarly,
$(3, 5, 32) \rightarrow (3)^2 + (5)^2 = 34 - 2 = 32$

328. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
17 : 140 :: 23 : 115 :: 32 : ?

(a) 155 (b) 161
(c) 130 (d) 148

RRB Group-D 24-08-2022 (Shift-III)

Ans. (b) : Such as,
17 : 140 → 17 × 8 + 4 = 140
and,
23 : 115 → 23 × 5 + 5 = 115
Similarly,
32 : ? → 32 × 5 + 5 = ?
? = 160 + 5 = 165

329. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 67 :: 18 : 103 :: 17 : ?

(a) 212 (b) 292

(c) 143 (d) 192

RRB Group-D 24-08-2022 (Shift-II)

Ans. (b) : Such as,

8 : 67 → $(8)^2 - 3 = 67$

and,

18 : 103 → $(18)^2 - 3 = 103$

Same as,

17 : 292 → ?

$(17)^2 - 3 = 292$

330. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. in 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 5, 16)

(5, 6, 19)

(a) (8, 2, 20) (b) (8, 1, 10)

(c) (5, 2, 40) (d) (5, 2, 12)

RRB Group-D 23-08-2022 (Shift-I)

Ans. (a) : Such as, (4, 5, 16) → 4 × 5 + 4 = 16

and,

(5, 6, 19) → 5 × 6 + 4 = 19

Same as,

(8, 2, 20) → 8 × 2 + 4 = 20

331. Select the set in which the numbers are related in the same way as the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. in 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(7, 175, 5)

(6, 294, 7)

(a) (5, 140, 7) (b) (3, 192, 8)

(c) (6, 210, 5) (d) (3, 412, 9)

RRB Group-D 23-08-2022 (Shift-I)

Ans. (b) : Such as,

(7, 175, 5) → $(7)^2 \times 5 = 49 \times 5 = 175$

and,

(6, 294, 7) → $(7)^2 \times 6 = 49 \times 6 = 294$

Same as,

(3, 192, 8) → $(8)^2 \times 3 = 64 \times 3 = 192$

332. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 203 :: 16 : 264 :: 18 : ?

(a) 387 (b) 423

(c) 355 (d) 351

RRB Group-D 23-08-2022 (Shift-II)

Ans. (d) : Clearly,

Hence, option (d) is correct answer.

333. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

28 : 42 :: 25 : 52 :: 16 : ?

(a) 28 (b) 16

(c) 60 (d) 34

RRB Group-D 23-08-2022 (Shift-II)

Ans. (a) : Clearly,

334. In each of the given number-clusters. The number on the right side of '=' (the equal to sign) is calculated by performing certain mathematical operations on the three numbers on the left of '=' (the equal to sign). All three number-clusters follow the same pattern. Select the number from among the given options that can replace the question mark (?) in the third number-cluster.

21, 9, 40 = 140

18, 7, 25 = 108

16, 11, 36 = ?

(a) 110 (b) 121

(c) 125 (d) 120

RRB NTPC (Stage-II) – 12/08/2022 Shift-I

Ans. (b) : Such as,

(i) 21, 9, 40 = 140

(ii) 21 × 9 − 40

$189 - 40 = \boxed{140}$

and,

(i) 18, 7, 25 = 108

(ii) 18 × 7 − 25

$126 - 25 = \boxed{101}$

Same as,

(i) 16, 11, 36 = ?

(ii) 16 × 11 − 36

$176 - 36 = \boxed{140}$

115. In each of the given number-clusters, the number on the right side of '=' (the equal to sign) is calculated by performing certain mathematical operations on the three numbers on the left of '=' (the equal to sign). All three number-clusters follow the same pattern. Select the number from among the given options that can replace the question mark (?) in the third number-cluster.

4, 5, 2 = 21

5, 6, 3 = 52

9, 8, 4 = ?

(a) 41 (b) 65

(c) 73 (d) 100

RRB NTPC (Stage-II) – 13/08/2022 (Shift-II)

Ans. (c) : Sol ex.

4, 5, 2 = 21

↓

$(4)^2 + (5)^2 - (2)^2 = 21$

and,

5, 6, 3 = 52

↓ ↓ ↓

$(5)^2 + (6)^2 - (3)^2 = 52$

Same ex.

9, 8, 4 = ?

↓ ↓ ↓

$(9)^2 + (8)^2 - (4)^2 = \frac{[illegible]}{[illegible]}$

Hence, ? = 73

116. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole, without breaking down the numbers into its constituent digits. E.g. 15-Operations on 15 such as adding/subtracting/multiplying etc. to 15 can be performed. Breaking down 15 into 1 and 5 and then performing mathematical operations on 1 and 5 is not allowed.)

(3, 5, 21)

(4, 2, 14)

(a) (6, 3, 12) (b) (8, 4, 20)

(c) (5, 2, 10) (d) (7, 1, 21)

RRB Group-D- 29/08/2022 (Shift-II)

Ans.(b) : Sol ex.

(3, 5, 21)

(3+2) × (5+3×2)

6×13=21

21=21

and,

(4, 2, 14)

(4+2) × (2+3×4)

6×6=14

14=14

Similarly, from option (b)-

(8, 4, 20)

(8+2) × (4+3×8)

10×12=20

20=20

117. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13– Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(7, 150, 21)

(14, 100, 6)

(a) (13, 140, 13) (b) (14, 110, 16)

(c) (15, 90, 11) (d) (18, 80, 11)

RRB Group-D- 29/08/2022 (Shift-III)

Ans.(d) : Sol ex.

(7, 150, 21) and, (14, 100, 6)

(7×21)+5 = 150 (14×6)+5 = 100

30+5 = 150 20+5 = 100

150 = 150 100 = 100

Similarly, from option (a)-

(13, 140, 13)

(13×13)+5 = 144

29+5 = 140

140 = 140

118. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13 – Operations on 13 such as adding / subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(18, 16, 8)

(15, 20, 23)

(a) (14, 18, 16) (b) (12, 27, 18)

(c) (13, 16, 14) (d) (10, 18, 23)

RRB Group-D- 09/09/2022 (Shift-III)

Ans. (b) : Such ex.

(18, 16, 8) → (8×2) – (18+16) = 32–34=4

and,

(15,20,23) → 20×2 – (15+23) = 40–38 = 4

Similarly,

(12, 27, 18) → 27×2 – (12+18) = 54 – 50 = 4

Hence, the correct answer is option (b).

139. **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13 – Operations on 13 such as adding/ subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(13, 9, 5)
(14, 11, 8)
(a) (10, 26, 39) (b) (22, 32, 24)
(c) (32, 13, 19) (d) (14, 18, 12)

RRB Group-D– 08/09/2022 (Shift-II)

Ans. (c) : Such as,

$$(13,9,5) \rightarrow (13+9)\div 2 = 9$$

and,

$$(14,11,8) \rightarrow (14+8)\div 2 = 11$$

Similarly,

$$(32,19,16) \rightarrow (32+16)\div 2 = 19$$

Hence, option (c) is correct answer.

140. **Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13– Operations on 13 such as adding/ subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
16 : 2 :: 36 : 3 :: 64 : ?
(a) 6 (b) 3
(c) 4 (d) 7

RRB Group-D : 29/08/2022 (Shift-I)

Ans.(c) : Such as

$$16 : 2 \rightarrow 2 \times 2 = 4 \Rightarrow 16$$

and,

$$36 : 3 \rightarrow 3 \times 3 = 9 \Rightarrow 36$$

Same as,

$$64 : ? \rightarrow 4 \times 4 = 4 \times 4 = 64$$

Hence, $? = 4$

141. **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent. Eg. 13– Operations on 13 such as adding/subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(18, 68, 34)
(20, 80, 10)
(a) (15, 45, 30) (b) (19, 80, 21)
(c) (24, 36, 60) (d) (21, 126, 1)

RRB Group-D– 29/08/2022 (Shift-II)

Ans.(b) : Such as,

$$(14, 48, 16) \qquad (25, 80, 10)$$
$$\downarrow \qquad\qquad \downarrow$$
$$(14+16)\times 2 = 48 \qquad (25+10)\times 2 = 80$$
$$30\times 2 = 60 \qquad 40\times 2 = 80$$

Similarly, from option (b),

$$(19, 80, 21)$$
$$\downarrow$$
$$(19 + 21)\times 2 = 80$$
$$40 \times 2 = 80$$
$$80 = 80$$
$$(LHS = RHS)$$

142. **Select the set in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13 – Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(7, 99, 40)
(12, 15, 47)
(a) (14, 21, 38) (b) (9, 27, 72)
(c) (13, 31, 48) (d) (16, 5, 33)

RRB Group-D– 26/08/2022 (Shift-I)

Ans. (d) : Such as,

$$(7, 99, 40) \rightarrow (40\times 99)\div 7 = 5$$

and,

$$(12, 15, 47) \rightarrow (47\times 15)\div 5 = 12$$

Similarly, from option (d),

$$(16, 5, 33) \rightarrow (33\times 5)\div 16 = 10$$

Hence, option (d) is correct answer.

143. **Select the option in which the numbers are related in the same way as are the numbers of the following sets.**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13 – Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(65, 198, 32)
(77, 270, 32)
(a) (61, 90, 47) (b) (62, 90, 47)
(c) (62, 94, 47) (d) (62, 93, 49)

RRB Group-D– 26/08/2022 (Shift-I)

Ans. (b) : Such as,

$$(65, 198, 32) \rightarrow (65-32)\times 6 = 198$$

and,

$$(77, 270, 32) \rightarrow (77-32)\times 6 = 270$$

Similarly, from option (b),

$(42,90,47) \rightarrow (42-47)\times 4 = 90$

Hence, option (b) is correct answer.

344. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(22, 49, 168)

(35, 45, 360)

(a) (30, 15, 225) (b) (15, 33, 240)

(c) (30, 27, 225) (d) (33, 36, 360)

RRB Group-D- 30/09/2022 (Shift-I)

Ans. (d) : Such as,

$(22,49,168) \rightarrow (22+49)\times 3 = 168$

and,

$(35,45,360) \rightarrow (35+45)\times 4 = 360$

Similarly, from option (d),

$(33,36,360) \rightarrow (33+36)\times 5 = 360$

Hence, option (d) is correct answer.

345. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(13, 84, 8)

(21, 126, 13)

(a) (27, 140, 8) (b) (16, 22, 136)

(c) (24, 96, 8) (d) (8, 71, 79)

RRB Group-D- 28/09/2022 (Shift-III)

Ans. (a) : Such as,

$(13,84,8) \rightarrow (13+8)\times 4 = 84$

and,

$(21,126,13) \rightarrow (21+13)\times 4 = 136$

Similarly, from option (d),

$(27,140,8) \rightarrow (27+8)\times 4 = 140$

Hence, option (a) is correct answer.

346. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13 – Operations on 13 such as adding / Subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 24)

(11, 143)

(a) (9, 162) (b) (7, 42)

(c) (5, 40) (d) (2, 6)

RRB Group-D- 08/09/2022 (Shift-II)

Ans. (d) : Such as,

$(4,24) \rightarrow 4\times 4^2 \div 4\times 2 = 24$

and,

$(11,143) \rightarrow (11)^2 \div 11\times 2 = 143$

Similarly,

$(2,6) \rightarrow (2)^2 \div 2\times 3 = 6$

Hence, option (d) is correct answer.

347. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(10, 300, 10)

(11, 165, 5)

(a) (6, 28, 6) (b) (11, 180, 6)

(c) (16, 400, 20) (d) (6, 243, 9)

RRB Group-D- 15/09/2022 (Shift-III)

Ans. (d) : Such as,

$(10,300,10) \rightarrow 10\times 30\div 3 = 100$

and,

$(11,165,5) \rightarrow 11\times 15\div 5 = 165$

Similarly, from option (d),

$(9,243,9) \rightarrow 9\times 9\div 3 = 243$

Hence, option (d) is correct answer.

348. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 13 Operations on 13 such as adding / subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(75, 16, 67)
(35, 14, 24)
(a) (90, 54, 70) (b) (28, 72, 64)
(c) (40, 56, 90) (d) (29, 8, 20)

RRB Group-D- 08/10/2022 (Shift-III)

Ans. (d) : Such as,

$$(75,16,67) \rightarrow (75+67)\div2 = 8\times2 = 16$$

and,

$$(35,14,24) \rightarrow (35+24)\div2 = 7\times2 = 14$$

Similarly,

$$(29,8,20) \rightarrow (29+20)\div2 = 5\times2 = 8$$

Hence, option (d) is correct answer.

168. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
6 : 33 :: 11 : 98 :: 16 : ?
(a) 130 (b) 160
(c) 98 (d) 81

RRB Group-D- 26/08/2022 (Shift-III)

Ans. (d) : Just as,

$$6 : 33 \Rightarrow 6 \times 5 + 3 = 33$$

and,

$$11 : 98 \Rightarrow 11 \times 9 + 3 = 98$$

Similarly,

$$16 : ? \Rightarrow 16 \times 5 + 3 = 83$$

Hence, $\boxed{? = 83}$

169. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13- Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(15, 41, 4)
(19, 71, 5)
(a) (41, 125, 4) (b) (13, 55, 3)
(c) (44, 16, 3) (d) (18, 8, 2)

RRB Group-D- 17/08/2022 (Shift-I)

Ans. (d) : Just as,

$$(15,41,4) \Rightarrow \frac{15+41}{(15-1)} = \frac{56}{14} = 4 \text{ (Last term)}$$

and,

$$(19,71,5) \Rightarrow \frac{19+71}{(19-1)} = \frac{90}{18} = 5 \text{ (Last term)}$$

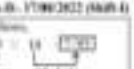
Similarly,

$$(18,8,2) \Rightarrow \frac{18+8}{(18-1)} = \frac{14}{9} = 2 \text{ (Last term)}$$

170. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
18 : 55 :: 12 : 68 :: 16 : ?
(a) 95 (b) 92
(c) 90 (d) 94

RRB Group-D- 17/08/2022 (Shift-I)

Ans. (d) : Such, series is as follows,



171. Select the option that is related to the fifth number in the same way as the second number is related to the number, the fourth number is related to the third number.
10 : 2 :: 255 : 4 :: 624 : ?
(a) 7 (b) 9
(c) 8 (d) 3

RRB Group-D- 16/09/2022 (Shift-II)

Ans. (d) : Just as,

Same as,

Hence, $\boxed{? = 3}$

172. Select the set in which the numbers are selected in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(16, 336, 8)
(12, 324, 9)
(a) (18, 378, 7) (b) (10, 360, 7)
(c) (18, 360, 7) (d) (10, 420, 7)

RRB Group-D- 16/09/2022 (Shift-II)

Ans. (a) : Just as,

$$(16, 336, 8) \Rightarrow \frac{336}{8}$$
$$(14 \times 8) \div 3 = 336$$
$$112 \div 3 = 336$$
$$336 = 336$$

and,

$$(12, 324, 9) \Rightarrow \frac{324}{9}$$
$$(12 \times 9) \div 3 = 324$$
$$108 \div 3 = 324$$
$$324 = 324$$

Same as, from option (a)-

$$(18, 378, 7) \Rightarrow \frac{378}{7}$$
$$(18 \times 7) \div 3 = 378$$
$$126 \div 3 = 378$$
$$378 = 378$$

354. Select the option in which the number are related in the same way as are the numbers of the given sets.

(NOTE : Operations should be performed on the whole numbers without breaking down the numbers into its constituent digits.

E.g. 13-Operations on 13 such as adding/ subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(2, 42, 8)

(7, 57, 3)

(a) (3, 57, 7) (b) (1, 63, 8)

(c) (5, 59, 9) (d) (6, 46, 4)

RRB Group-D- 13/09/2022 (Shift-I)

Ans. (b) : Just as,

$$(2, 42, 8) \Rightarrow \left(\frac{42}{2} = 21\right)$$

and,

$$(7, 57, 3) \Rightarrow \left(\frac{57}{3} = 19\right)$$

Similarly –

$$(1, 63, 8) \Rightarrow \left(\frac{63}{1} = 63\right)$$

355. Select the set in which the number are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operation on 1 and 3 is not allowed)

(13, 182, 91)

(17, 306, 153)

(a) (15, 210, 30) (b) (8, 125, 10)

(c) (6, 72, 36) (d) (11, 198, 67)

RRB Group-D- 10/09/2022 (Shift-II)

Ans. (a) : Just as,

	and,	Same as
(13, 182, 91)	(17, 306, 153)	(6, 72, 36)
$13 \times (13 \div 1) = 182$	$17 \times (17 \div 1) = 306$	$6 \times (6 \div 1) = 72$
$182 \div \frac{2}{1} = 91$	$306 \div \frac{2}{1} = 153$	$72 \div \frac{2}{1} = 36$

356. Select the option that is related to the fifth number in the same way as the second is related to the first number and the fourth number is related to the third number.

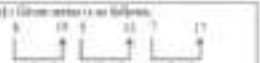
8 : 19 :: 5 : 13 :: 7 : ?

(a) 13 (b) 19

(c) 17 (d) 21

RRB Group-D- 10/09/2022 (Shift-II)

Ans. (c) : Given series is as follows.



Hence, $\boxed{+2 \times 3}$

357. Select the set in which the number are related are related to the same way as are the numbers of the following sets.

NOTE : Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. E. g. 13-Operations on 13 such as adding / subtracting / multiplying etc to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(12, 18, 18)

(45, 30, 25)

(a) (14, 28, 14) (b) (10, 16, 1)

(c) (13, 30, 17) (d) (15, 20, 25)

RRB Group-D- 17/09/2022 (Shift-II)

Ans. (d) : Just as,

$$\Rightarrow \frac{12 + 18}{2} = 15 \text{ (mid term)}$$

and,

$$\Rightarrow \frac{45 + 25}{2} = 35 \text{ (mid term)}$$

Same as from option (d)-

$$\frac{15 + 25}{2} = 20 \text{ (mid term)}$$

Hence, option (d) is correct.

358. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(35, 12, 29)

(25, 16, 31)

(a) (18, 22, 21) (b) (35, 8, 23)

(c) (21, 23, 29) (d) (33, 30, 27)

RRB Group-D- 17/09/2022 (Shift-II)

Ans. (b) : According to the question :

Given,

$$(35, 12, 29) \Rightarrow (35 - 29) \Rightarrow 6 \times \boxed{\frac{12}{6}} = 12$$

and,

$$(25, 16, 31) \Rightarrow (31 - 25) \Rightarrow 6 \times \boxed{\frac{16}{6}} = 16$$

From option (b),

$$(35, 8, 23) \Rightarrow (23 - 35) \Rightarrow 6 \times \boxed{\frac{8}{6}} = 8$$

Hence, option (b) is correct.

359. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/ subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed).

(13, 84, 29)

(27, 122, 34)

(a) (17, 69, 13) (b) (15, 57, 27)

(c) (25, 99, 29) (d) (18, 16, 21)

Ans. (c) : Just as,

(13, 84, 29) ⇒ (13 + 29) × 2 = 84

and,

(27, 122, 34) ⇒ (27 + 34) × 2 = 122

Similarly,

(25, 99, 29) ⇒ (25 + 29) × 2 = 99

Hence, option (c) is correct.

360. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

8 : 127 :: 9 : 49 :: 8 : ?

(a) 216 (b) 200

(c) 181 (d) 289

Ans. (d) : Just as,

$8 : 127 \rightarrow (8)^2 \times 2 - 1 = 127$

and,

$9 : 49 \rightarrow (9)^2 \times 2 - 1 = 49$

Similarly,

$8 : ? \rightarrow (8)^2 \times 2 - 1 = 289$

Hence, 289

361. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

48 : 16 :: 96 : 7 :: 108 : 21

(a) 22 (b) 21

(c) 28 (d) 23

RRB Group-D- 06/10/2022 (Shift-I)

Ans.(c) : Just as,

and,

Same as,

Hence, 7 × 12 + 8 = 28

362. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 an then performing mathematical operations on 1 or 3 is not allowed)

(4, 11, 31)

(3, 8, 25)

(a) (7, 13, 25) (b) (2, 8, 19)

(c) (5, 13, 29) (d) (6, 15, 40)

RRB Group-D- 06/10/2022 (Shift-I)

Ans.(d) : Just as,

(4, 11, 31) and, (3, 8, 25)

(4+11)×2+1 = 31 (3+8)×2+1 = 25

(3+2)+1 = 31 (2+1)+1 = 25

Same as, from option (d),

(6, 15, 40)

(6+15)×2+1 = 42

2+2+1 = 40

Hence, option (d) is correct.

363. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/ subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(10, 180, 3)

(8, 80, 2)

(a) (18, 270, 3) (b) (12, 192, 6)

(c) (1, 108, 6) (d) (10, 40, 5)

RRB Group-D- 26/09/2022 (Shift-II)

Ans.(a) : Just as,

(10, 180, 3) ⇒ (10 × 3) × 3 = 180

and,

(8, 80, 2) ⇒ 8 × 2 × 5 = 80

Similarly,

(18, 270, 3) ⇒ (18 × 3) × 5 = 270

Hence, option (a) is correct.

364. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding/ subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(13, 16, 21)
(28, 34, 45)
(a) (72, 49, 25) (b) (35, 12, 38)
(c) (37, 18, 46) (d) (64, 28, 98)

RRB Group-D– 26/09/2022 (Shift-II)

Ans.(c) : Just as,

$$(13, 16, 21) \Rightarrow (21 - 13) \div 2 = 16$$

and,

$$(28, 34, 45) \Rightarrow (45 - 28) \div 2 = 34$$

Similarly,

$$(37, 18, 46) \Rightarrow (46 - 37) \div 2 = 18$$

Hence, option (c) is correct answer.

165. Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.
11 : 142
(a) 4 : 40 (b) 9 : 97
(c) 6 : 72 (d) 7 : 91

RRB NTPC 06.12.2020 (Shift-II) Stage Ist

Ans. (c) :

Just as, Similarly,

Hence, option (c) is correct.

166. Select the option that is related to the third number in the same way as the second number is related to the first number :
343 : 1331 ; 729 : ?
(a) 2187 (b) 2197
(c) 2184 (d) 2231

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, Similarly,

167. Select the option that is related to the third number in the same way as the second number is related to the first number.
8 : 729 :: 11 : ?
(a) 1024 (b) 142
(c) 1331 (d) 990

RRB NTPC 11.01.2021 (Shift-I) Stage Ist

Ans. (c) : Just as,

$$(8)^3 \Rightarrow 729$$

Same as,

$$(11)^3 \Rightarrow 1331$$

168. Select the option that is related to the third number in the same way as the first number is related to the second number.
14 : 210 :: 16 : ?
(a) 272 (b) 240
(c) 232 (d) 256

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (b) : As,

$$14 : 210 :: 16 : ?$$

$$\frac{210}{14} = 15$$

Same as,

$$\frac{?}{16} = 15 \Rightarrow ?$$

$$= 16 \times 15 = 240$$

169. Select the number from among the options given that is related to the third number in the same way as the second number is related to the first number.
1 : 28 :: 9 : ?
(a) 81 (b) 64
(c) 729 (d) 738

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (d) : Just as,

$$1 : 28$$

$$\downarrow$$

$$(1)^3 + 1 = 28$$

Similarly,

$$9 : ?$$

$$\downarrow$$

$$(9)^3 + 1 = 729 + 1$$

$$= 730$$

Therefore, $? = 738$

170. Select the number from among the options given that is related to the fifth number in the same way as the second and fourth numbers are related to the first and third numbers respectively.
11 : 143 :: 13 : 221 :: 7 : ?
(a) 38 (b) 34
(c) 37 (d) 77

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (d) : On multiplying into 11 to its next prime number :

$$11 \times 13 = 143$$

Similarly, on multiplying into 13 to its next prime number = $13 \times 17 = 221$

Same as, on multiplying into 7 to its next prime number = $7 \times 11 = 77$

$$11 : 143 :: 13 : 221 :: 7 : 77$$

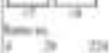
Hence, $? = 77$

171. Which of the given number triads has same relationship between them as does 6, 42, 336?
(a) 7, 21, 168 (b) 6, 6, 324
(c) 4, 28, 224 (d) 3, 4, 442

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (c) : Just as,

Same as,



Hence, option (c) is correct.

172. Select the option in which the numbers are related to the same way as are the numbers in the given set:
(343, 36, 13), (64, 16, 8), (27, 25, 8)

(a) (28, 25, 8) (b) (81, 27, 12)
(c) (216, 64, 16) (d) (63, 37 14)

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (a) : In the given number set,

Just as,

$(343, 36, 13) \rightarrow [(7)^3, (6)^2, 13] \rightarrow 7 + 6 = 13$

$(64, 16, 8) \rightarrow [(4)^3, (4)^2, 8] \rightarrow 4 + 4 = 8$

$(27, 25, 8) \rightarrow [(3)^3, (5)^2, 8] \rightarrow 3 + 5 = 8$

Similarly, in the set of numbers given in option (a)

$(216, 64, 16) \rightarrow [(6)^3, (8)^2, 16] \rightarrow 6 + 8 = 14$

Hence, option (a) is the corresponding set of numbers given in the question.

173. Select the option that is related to the third number in the same way as the second number is related to the first number.
2 : 32 :: 4 : ?

(a) 128 (b) 128
(c) 1216 (d) 1024

RRB NTPC 15.01.2021 (Shift-I) Stage Ist

Ans. (d) :

Just as, $2 : 32$

$(2)^5 = 32$

Same as, $4 : ?$

$(4)^5 = \boxed{1024}$

174. Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and in the same as the second number is related to the first number.
6 : 36 :: 8 : 64 :: 9 : ?

(a) 79 (b) 69
(c) 81 (d) 10

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (a) : From question,

175. Select the option that is related to the third number in the same way as the second number is related to the first number.
4704 : 336 :: 2590 : ?

(a) 185 (b) 180
(c) 158 (d) 160

RRB NTPC 27.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as, $\frac{4704}{336} = 14$

Similarly, $\frac{2590}{? } = 14$

$\frac{2590}{14} = ?$

Hence, $? = 185$

176. Select the option in which the numbers are related in the same way as the numbers are in the given set.
4, 18, 28

(a) 9, 24, 49 (b) 8, 21, 44
(c) 2, 16, 34 (d) 12, 48, 84

RRB NTPC 19.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

Similarly,

177. Select the number from the given options, that has the same relation to the fifth number as the second and fourth numbers have with the first and third numbers respectively.
19 : 1369 :: 27:2017 :: 43 : ?

(a) 3469 (b) 4493
(c) 4125 (d) 4493

RRB NTPC 25.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

and

Similarly,

Hence, option (d) is correct.

178. Select the option that is related to the third number in the same way as the second number is related to the first number.
15 : 8 :: 20 : ?

(a) 10 (b) 16
(c) 12 (d) 14

RRB NTPC 14.01.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

$15 : 8$

$15 \rightarrow (5 \times 3 + 3 = 8$

Similarly, $20 : ?$

$20 \rightarrow (5 \times 3 + 3 = 18$

Therefore option (c) is correct.

179. Find the missing number to complete the given analogy.

2 : 7 :: 11 : 17 :: 23 : 37

(a) 19 (b) 15

(c) 21 (d) 17

RRB NTPC 23.01.2021 (Shift-2) Stage Ist

Ans. (a) : Just as,

$2 : 7 = 2, \boxed{3, 5}$ 7

And, $23 : 37 = 23, \boxed{29, 31}$ 37

Similarly,

$11 : 17 = 11, \boxed{13, 15}$ 17

Hence, $\boxed{? = 19}$

Note:Here is two prime numbers is skipped between both prime number.

180. Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

21 : 3 :: 49 : 40 :: 36 : ?

(a) 9 (b) 2

(c) 6 (d) 4

RRB NTPC 23.01.2021 (Shift-1) Stage Ist

Ans. (b) :

$21 : 3 :: 49 : 40 :: 36 : ?$

$21 - 3 = 3$ $49 - 40 = 9$ $36 - ? = ?$

Hence, $? = 6$

181. Select the number from among the given options that can replace the question mark (?) in the following analogy.

36 : 15 :: 76 : 21 :: 81 : ?

(a) 28 (b) 21

(c) 18 (d) 4

RRB NTPC 29.01.2021 (Shift-II) Stage Ist

Ans. (d) : Such as,

$36 : 15 \Rightarrow \frac{5+6}{2} = 15$

And $76 : 21 \Rightarrow \frac{7+6}{2} = 21$

Same as, $81 : ? \Rightarrow \frac{8+1}{2} = \frac{9}{2}$

182. Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

7 : 42 :: 9 : 72 :: 11 : ?

(a) 198 (b) 102

(c) 146 (d) 121

RRB NTPC 29.01.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

$7 : 42 \Rightarrow 7 \times 6 \Rightarrow 42$

And $9 : 72 \Rightarrow 9 \times 8 \Rightarrow 72$

Same as,

$11 : ? \Rightarrow 11 \times 10 = 110$

Hence, in place of the question mark the number will be 110.

183. Select the number that can replace the question mark (?) in the following series.

18 : 324 : 9852 :: 36 : 1296 : ?

(a) 23328 (b) 1941

(c) 46656 (d) 1811

RRB NTPC 29.01.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

$18 \Rightarrow 9 \times 2 \Rightarrow (9)^2 \times (2)^2 = 324$

$\Rightarrow (9)^2 \times (2)^2 = 9852$

Same as,

$36 \Rightarrow 18 \times 2 \Rightarrow (18)^2 \times (2)^2 = 1296$

$\Rightarrow (18)^2 \times (2)^2 = 46656$

184. Select the number from among the options given that is related to the fifth number in the same way as the second and fourth numbers are related to the first and third numbers respectively.

18 : 98 :: 203 : 0.015 :: 36 : x

(a) 98 (b) 112

(c) 126 (d) 128

RRB NTPC 14.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,

$18 = 1 + 3 = 6 + 12 = 98$

And, $203 = 2 + 0 + 3 = 5 \times 203 = 1015$

Similarly,

$36 = 1 + 6 = 7 \times 16 = 112$

Hence, 112 will on the place of x.

185. Select the option in which the numbers share the same relationship as that shared by the given group of numbers.

(15, 7, 105)

(a) (18, 3, 95) (b) (44, 2, 95)

(c) (21, 6, 90) (d) (17, 2, 44)

RRB NTPC 14.01.2021 (Shift-I) Stage Ist

Ans. (a) : Just as,

$15 \times 7 = 105 \div 3 = 35$

Similarly,

$18 \times 3 = 90 \div 3 = 95$

Hence, (18, 3, 95) will be right.

186. Select the option that is related to the third number in the same way as the second number is related to the first number.

36 : 216 :: 81 : ?

(a) 486 (b) 729

(c) 512 (d) 648

RRB NTPC 21.01.2021 (Shift-II) Stage Ist

Ans. (b) : Just as,

36	216	81	[illegible]
4	4	4	3
9	9	9	9^2

307. Select the option that is related to the third number in the same way as the second number is related to the first number.

18 : 40 :: 34 : ?

(a) 91 (b) 79

(c) 95 (d) 85

RRB NTPC 31.07.2021 (Shift-1) Stage Ist

Ans. (a) : Just as,

$6 \times 3 = 18$

$6 \times 6 = 40$.

Similarly,

$17 \times 2 = 34$

$17 \times 5 = 85$

Hence, ? = 85.

308. Identify missing number:

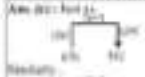
676 : 841 :: 324 : .....

(a) 484 (b) 361

(c) 441 (d) 400

RRB Paramedical 21.07.2019 Shift : III

Ans. (c) : Just as,



Similarly,

Hence, the missing number will be $(21)^2 = 441$.

309. Choose the Correct answer from the given options below based on the given numerical similarity.

36 : 7 :: 120 : ?

(a) 10 (b) 9

(c) 15 (d) 25

RRB Group D - 23/09/2018 (Shift-1)

Ans. (d) : Just as,

310. Find the missing value denoted by '?'

3 : 245 :: 8 : ?

(a) 429 (b) 464

(c) 3125 (d) 423

RRB NTPC 12.04.2016 Shift : III

Ans. (c) : Just as,

$(3)^5 = 243$

Same as,

$(8)^5 = 3125$

311. Select the pair in which the numbers are similarly related as in the given pair:

8 : 27 :: ..... : .....

(a) 5 : 125 (b) 9 : 64

(c) 15 : 135 (d) 81 : 729

RRB NTPC 12.04.2016 Shift : II

Ans. (d) : Just as,

Same as,

(On taking option d)

So, [illegible]

312. Choose the pair where numbers are similarly related like the given pair :

19 : 361 :: ..... : .....

(a) 13 : 169 (b) 15 : 231

(c) 9 : 27 (d) 12 : 144

RRB NTPC 12.04.2016 Shift : I

Ans. (a) : Just as,

$(19)^2 = 361$

Same as,

$(13)^2 = 169$

313. Based on the analogy given, find the missing pair from the given options.

5 : 35 :: ..... : .....

(a) 11 : 33 (b) 7 : 77

(c) 7 : 28 (d) 9 : 45

RRB NTPC 16.04.2016 Shift : III

Ans. (b) : Just as,

5 = 7 (Prime number of after 5) = 35

Same as,

7 = 11 (Prime number of after 7) = [illegible]

314. Based on the analogy given, find the missing number from the given option.

0.16 : 0.0016 :: 1.02 : .....

(a) 0.0102 (b) 10.02

(c) 0.012 (d) 1.0102

RPF Constable 29.11.2019 Shift : II

Ans. (a) : Just as, Similarly,

So, option (a) is correct.

315. Based on the analogy given, find the missing pair from the given option.

13 : 1209 :: ..... : .....

(a) 9 : 729 (b) 8 : 488

(c) 6 : 216 (d) 7 : 1029

RRB NTPC 16.04.2016 Shift : II

Ans. (b) : Let us,

$11 : 1210 :: 13 : 11 \times 7 (11 - 1)$

Same as, in option (b)-

$8 : 448 :: 8 : 8 \times 8 (8 - 1)$

196. Based on the analogy given, find the missing pair from the given option.

8 : 56 : : 7 : ?

(a) 56 (b) 63

(c) 72 (d) 84

RRB NTPC 18.04.2016 Shift : III

Ans. (d) : Let us,

Similarly,

197. Based on the analogy given, find the missing number from the given option.

8 : 4 :: 25 : ……

(a) 225 (b) 125

(c) 625 (d) 25

RRB NTPC 18.04.2016 Shift : II

Ans. (a) : Let us,

$1 : 1 = 5 : 5^2$

Similarly,

$16 : 2^4 = 25 : 625$

198. Based on the analogy given, find the missing pair from the given option.

32 : 13 :: …… : ……

(a) 31 : 26 (b) 45 : 121

(c) 71 : 81 (d) 47 : 44

RRB NTPC 18.04.2016 Shift : I

Ans. (d) : Let us,

$32 : 13$

$5^2 = 2^3 + 13$

Similarly,

$47 : 69$

$6^2 = 3^3 + 36 = 69 = 69$

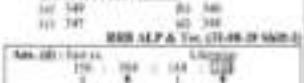
199. 37 : 68 :: 81 : ……

(a) 75 (b) 76

(c) 78 (d) 79

RRB NTPC 05.04.2016 Shift-I

Ans. (d)



200. Select the missing number based on the given related pair of numbers.

350 : 384 :: 540 : ……

(a) 549 (b) 546

(c) 547 (d) 548

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (d) : Let us, Likewise

So 548 will be at missing place.

201. Select the missing number based on the given related pair of numbers.

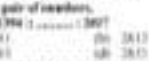
1990 : 1994 :: …… : 2017

(a) 2011 (b) 2013

(c) 2015 (d) 2015

RRB ALP & Tec. (31-08-18 Shift-III)

Ans. (b) : Let us,



Same as,

$2017 + 996$

$= 2017 - 996 = 2013$

202. Select the missing number based on the given related pair of numbers.

27 : 65 :: 99 : ……

(a) 125 (b) 127

(c) 124 (d) 128

RRB ALP & Tec. (29-08-18 Shift-III)

Ans. (d) : Let us, Same as,

$= 125 \div 1 = 128$

203. Which number would best complete the relation given below ?

3:29::6:?

(a) 231 (b) 247

(c) 229 (d) 238

RRB JE - 31/05/2019 (Shift-III)

Ans. (d) Let us,

$3 \rightarrow 4(3)^2 - 2 = 29$

Similarly,

$6 \rightarrow 4(6)^2 - 2 = 238$

204. Which number would best complete the relation given below ?

2 : 3 :: 19 : ?

(a) 27 (b) 25

(c) 31 (d) 29

RRB JE - 30/05/2019 (Shift-II)

Ans. (d) : Let us, the prime number that comes after 2 is 3. Similarly, the prime number after 23 will be 29.

205. Which number would best complete the relation given below ?

27 : 66 :: 125 : ?

(a) 39 (b) 42

(c) 36 (d) 34

RRB JE - 30/05/2019 (Shift-II)

Ans. (c) : Let us,

$3^3 = 27$ and $4^3 = 64$

Likewise

$5^3 = 125$

and $6^3 = 36$

So option (c) will be right answer.

206. Which number would best complete the relation given below.

7 : 350 :: 8 : ?

(a) 320 (b) 330

(c) 340 (d) 350

RRB JE - 29/05/2019 (Shift-I)

Ans : (a) First as,

$(7^2 + 1) \div 7 = 350$

Same as,

$(8^2 + 1) \div 8 = 524$

So it will be $\boxed{? = 524}$

407. Which number will best complete the relation given below ?

9 : 28 :: 21 :?

(a) 133 (b) 102

(c) 97 (d) 84

RRB JE - 23/05/2019 (Shift-II)

Ans. (d) First as,

408. Which number would best complete the relation given below.

343 : 7 :: 729 : ?

(a) 9 (b) 11

(c) 7 (d) 12

RRB JE - 25/05/2019 (Shift-II)

Ans. (a) First as,

$(7)^3 = 343$

Same as,

$(9)^3 = 729$

So correcting option will be 9.

409. Which number would best complete the relation given below.

15 : 65 :: 24 : ?

(a) 130 (b) 134

(c) 103 (d) 126

RRB JE - 25/05/2019 (Shift-II)

Ans. (d) First as,

Same as,

410. Which number would best complete the relation given below ?

2 : 12 :: 3 : ?

(a) 32 (b) 40

(c) 36 (d) 30

RRB JE - 29/05/2019 (Shift-II)

Ans. (a) First as,

$2 \rightarrow (2)^2 + (2)^2 = 12$

Same as,

$3 \rightarrow (3)^2 + (3)^2 = \boxed{36}$

411. Which number would best complete the relation given below?

12 : 46 :: 18 : ?

(a) 72 (b) 76

(c) 78 (d) 74

RRB JE - 23/05/2019 (Shift-I)

Ans : (b) First as,

$12 \times 4 - 2 = 46$

Same as,

$18 \times 4 - 2 = 70$

412. Which number would best complete the relation given below?

13 : 38 :: 17 : ?

(a) 37 (b) 33

(c) 35 (d) 38

RPF SI 12.01.2019 Shift : I

Ans. (d) First as,

$13 \times 3 - 2 = 38$

Same as,

$17 \times 3 - 2 = 50$

413. Which number would best complete the relation given below?

6 : 36 :: 8 : ?

(a) 46 (b) 49

(c) 47 (d) 48

RRB JE - 22/05/2019 (Shift-III)

Ans. (d) First as,

$6 \times 6 = 36$

Same as,

$8 \times 6 = 48$

414. Which number would best complete the relation given below?

7 : 44 :: 8 : ?

(a) 82 (b) 79

(c) 80 (d) 81

RRB JE - 26/05/2019 (Shift-III)

Ans : (d) First as,

$(7 \times 6) + 1 = 43$

Same as,

$(8 \times 10) + 1 = 81$

415. Which number would best complete the relation given below?

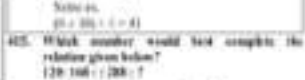
120 : 160 :: 200 : ?

(a) 339 (b) 362

(c) 350 (d) 360

RRB JE - 26/05/2019 (Shift-III)

Ans : (d) First as,



416. Which number would best complete the relation given below.?

13 : 36 :: 15 : ?

(a) 23 (b) 24

(c) 22 (d) 26

RRB JE - 01/06/2019 (Shift-III)

Ans. (d) First as,

$13 \times 2 - 4 = 36$

Same as,

$15 \times 2 - 4 = 26$

So, ? = 26

417. Which number will complete the relation correctly given below?

6 : 66 :: 9 : ?

(a) 167 (b) 230

(c) 225 (d) 229

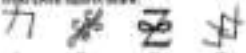
RRB JE - 29/05/2019 (Shift-I)

Ans : (B) Just as, Same as,
4 × 44 6 × 216
So 216 will be on the place of question mark.

Type - 5

418.

Which of the following figure fits in blanks from given figures below.



A B C D

(a) C (b) A
(c) D (d) B

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (a) : Out of the given figures, figure D will at the question mark. So, option (c) is true.

419. **What will be the next figure in the following series.**
Question figure:

Answer figure :

A B C D

(a) B (b) C
(c) D (d) A

RPF Constable 20.01.2019 Shift : I

Ans. (b) : Just as, the next figure can be acquired by dividing the square into 4 parts. Same as, the figure C can be obtained by dividing the triangle into 4 parts.

420. **Study the pattern given below and select the figure that relates to the third figure in the same way as second figure related to first figure.**
Question figure:

Answer Figure:

A B C D

(a) C (b) D
(c) B (d) A

RRB Group-D – 16/10/2018 (Shift-III)

Ans. (c) : Just as, the second figure can be obtained by rotating the first figure 90° anticlockwise similarly the answer figure B can be obtained by rotating the third figure 90° anticlockwise.

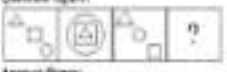
421. **Select the most appropriate word with respect to the given group of items.**

(a) Figure (b) Technology
(c) Culture (d) Fine Arts

RRB ALP & Tec. (09-08-18 Shift-I)

Ans. (b) : For a given set of items, most suitable word is Technology because all items are belonged related to Technology.

422. **Find the answer figure that comes in the place of the question mark in question figure series given below.**
Question figure:



Answer figure:

A B C D

(a) D (b) B
(c) C (d) A

RRB Group-D – 29/10/2018 (Shift-III)

Ans. (d) : The way in which out of the first two figures the first circle from the bottom of the first figure, the square inside is, again the triangle is placed inside is. Similarly, when the next two figures are placed the figure A is obtained.

423. **Question figure :**

Select the appropriate figure for blank space from given figures below.

A B C D

(a) A (b) D
(c) B (d) C

RPF 16.11.01.2019 Shift : III

Ans. (d) : The figure on the blank will be C.

424. **Which of the following figure will replace the question mark in following series.**
Question figure:

Answer Figures:

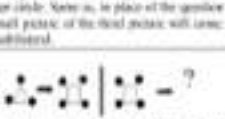
A B C D

(a) C (b) D
(c) B (d) A

RRB Group D – 24/09/2018 (Shift-I)

Ans. (a) : In the given category in the second picture two small pictures of the first picture have come inside to large circle. Same as, in place of the question mark, two small picture of the third picture will come inside the quadrilateral.

425.



Correct figure which is replace the question mark, that is-

A B C D

(a) D (b) B
(c) A (d) C

RPF SI 31.01.2019 Shift - II

Ans. (a) : Figure D will replace the question picture. So option (a) is correct.

426. Select the option that is related to the figure C in the same way as the figure B is related to figure A.

A B C D

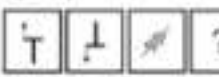
1 2 3 4 5

(a) 4 (b) 1
(c) 2 (d) 3

RRB Group D – 24/09/2018 (Shift-I)

Ans. (d) : As a line is decreasing when moving from the one figure to another and a shaded circle is formed in the middle keeping both the blank circles out of the shape. In the same sequence, figure-3 will be obtained to replace of the question mark.

427. Select the correct figure from answer figure in the place of question mark.



Answer figures:

A B C D

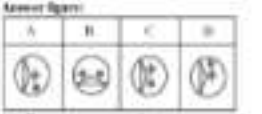
(a) A (b) C
(c) B (d) D

RRB Group D – 26/10/2018 (Shift-III)

Ans. (d) : Here, the second figure is the water image of the first figure. So, the water image of the third figure is figure D. So, the desired shape will be option (d).

428. Which answer figure will replace the question mark?

Answer figures:



A B C D

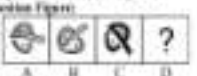
(a) D (b) A
(c) B (d) C

RPF SI 31.01.2019 Shift - II

Ans. (b) : The first shape is rotated 180° clockwise and the second shape is reversed. Same as rotating the third figure 180° clockwise, we will get the answer figure A.

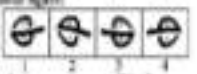
429. There are two group of figures in given question below. A, B, C and D group the question figure and 1, 2, 3 and 4 answer figure. In A and B, there is a definite relation, to establish the same relationship in figure C and D. Select one from the set of answer pictures that replace the question mark (?) in figure D.

Question Figures:



A B C D

Answer figures:



1 2 3 4

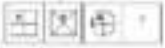
(a) 1 (b) 3
(c) 2 (d) 4

RRB Group D – 27/11/2018 (Shift-III)

Ans. (a) Answer figure 2 will be replace in question mark. So, option (a) is correct.

430. Select the option that is related to the third figure, in the same way as the second figure is related to first figure.

Question figure



Answer figure

A B C D

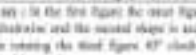
(a) B (b) D

(c) C (d) A

RRB Group-D – 19/7/2018 (Shift-II)

Ans. (a) : In the first figure the inner figure is rotated 45° clockwise and the second shape is acquired. Same as, on rotating the third figure 45° clockwise will be obtained figure C.

431. Select the correct option.



A B C D

(a) (b)

(c) (d)

RRB Group-D – 12/11/2018 (Shift-I)

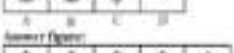
Ans. (a) : Just as, the mirror image of the first figure is the second figure. Same as, the mirror image of the third figure will be option figure (a).

432. Select the option that is related to the figure C in the same way as the figure B is related to figure A.

Question figure :

A B C D

Answer figure:



1 2 3 4 5

(a) 5 (b) 4

(c) 2 (d) 1

RPF SI 11.01.2019 Shift : III

Ans. (d) : Just as, figure A is divided into 5 parts and figure B is acquired. Same as, figure C is divided in to 5 parts will get answer figure 1.

433.

Select the correct figure from given figure below which is appropriate for blank space in above question figure.

A B C D

(a) C (b) D

(c) B (d) A

RRB Group-D – 12/11/2018 (Shift-III)

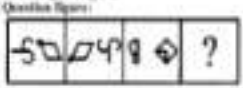
Ans. (c) : Just as, the arrow made in the first question picture is in the opposite direction to the arrow made in the second question picture.

Same as, the arrow made in the third question picture will be in the opposite direction to the arrow made in answer figure B.

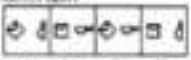
So, answer figure B will be the appropriate figure for the blank space.

434. Select the can option that replace the question mark in given figure.

Question figure :



Answer figure



A B C D

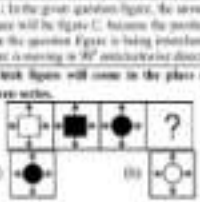
(a) A (b) B

(c) D (d) C

RPF Constable 22.01.2019 Shift : II

Ans. (d) : In the given question figure, the arrow in the blank space will be figure C, because the position of the picture in the question figure is being interchanged and the picture is moving in '90' anticlockwise direction.

435. Which figure will come in the place of (?) in given series.



(a) (b)

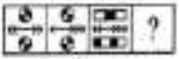
(c) (d)

RPF SI 10.01.2019 Shift : I

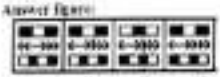
Ans. (b) : The square mirror blank in the first figure is painted in the next figure. Same as, the image of the coloured half will be the next shape blank.

436. Select the option that is related to the third figure, in the same way as the second figure is related to first figure.

Question Figure:



Answer figure:



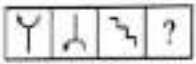
A B C D

(a) A (b) B
(c) C (d) D

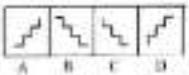
RRB Group-D – 01/11/2018 (Shift-II)

Ans. (d) : Answer figure D is related to the third figure, in the same way as the second figure is related to the first figure.

437.



Select the correct figure appropriate for blank space.



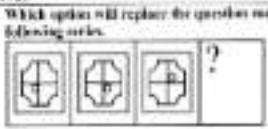
A B C D

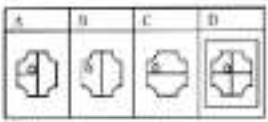
(a) C (b) D
(c) B (d) A

RRB Group-D – 01/11/2018 (Shift-II)

Ans. (d) : In the given question figure, the shape which comes in place of the question mark is contained in option (d).

438. Which option will replace the question mark in following series.



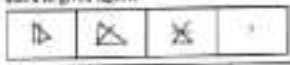


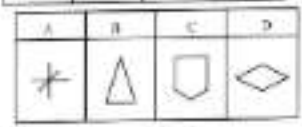
(a) A (b) B
(c) D (d) C

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (c) : In the given question figure, the first figure is a mirror image of second figure. Image of the third figure is depicted in figure D.
Hence, option (c) is correct.

439. Select the option that can replace the question mark in given figure.





(a) B (b) C
(c) A (d) D

RRB Group-D – 24/09/2018 (Shift-II)

Ans. (d) : Just as, the number of lines in the first and second figure are the same (four four). Same as, the number of lines in the third and fourth figure will be the same (four-four). So, option (d) is correct.

440.

Which figure fit correctly in above blank space from given figures below?

A B C D

(a) D (b) B
(c) C (d) A

RRB Group-D – 11/10/2018 (Shift-III)

Ans. (b) : Figure B will come in place of question mark.

441.

Select the correct figure from the given option that is suitable for the above space-

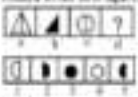
A B C D

(a) D (b) C
(c) A (d) B

RPF Constable 19/01/2019 Shift : I

Ans. (a) : Answer figure D will be used in the given series at the place of question mark.

442. Select the option that is related to the third figure in the same basis as the second figure is related to the first figure.



(a) 4 (b) 5
(c) 1 (d) 2

RRB Group-D – 30/10/2018 (Shift-II)

Ans.(b) : The first shape is a triangle which is bifurcated and the left is shaded to form the second shape. Similarly, shading the left part by halving the circle will give figure 5.

443. Choose the most appropriate word for given set of items.

(a) Winter (b) Rainy
(c) Summer (d) Weather

RPF Constable 19.01.2019 Shift - I

Ans. (d) According to the given figure weather's described Summer, Rainy, Winter etc.

444. Select the missing figure based on the given related pair of figures :

(a) (b)
(c) (d)

RRB ALP & Tec. (13-08-18 Shift-I)

Ans. (a) : The wire water is extracted from the well by digging it. In the same way various ore or coal etc. are extracted from it by digging the mine.

445. Select the missing figure based on the given related pair of figures.

(a) (b)
(c) (d)

RRB ALP & Tec. (13-08-18 Shift-III)

Ans. (a) : Just as, Rabbit and Wolf is creature living in the same way Aeroplane and Helicopter can is the means of transport. So, option (a) is correct.

446. Select the missing figure based on the given related pair of figures.

(a) (b)
(c) (d)

RRB ALP & Tec. (16-08-18 Shift-II)

Ans. (d) : Just as, aloe vera can be apply for 'drinking', in the same way wool made by sheep's hair for 'Sweater'.

447. Select the option that is related to the third figure on the same way as the second figure is related to the first figure.

(a) (b)
(c) (d)

RRB ALP & Tec. (09-08-18 Shift-I)

Ans. (a) : Just as, 'Ring' worn in fingers. Same as, 'Crown' is worn on the head.

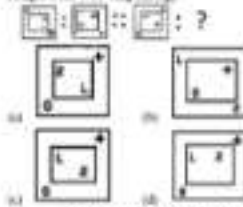
448. Select the most appropriate term for the following set of items.

(a) Books (b) Festival
(c) Wedding (d) Marriage

RRB ALP & Tec. (09-08-18 Shift-I)

Ans. (b) : From the given set of items most suitable word is 'Festival' because looking a picture, all items are provided to any festival occasion or used in it.

449. Choose the missing figure that will correctly complete the following analogy.



(a) (b)
(c) (d)

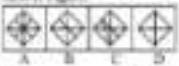
RRB Group-D – 16/10/2018 (Shift-II)

Ans. (a) : Just as, first figure is related to the second figure. Same as, third figure is related to option (a). So option (a) will be correct.

450. Choose the answer figure which is related to the third question figure in the same way as the second question figure is related to the first question figure?

Question Figure:

Answer Figure:



A B C D

(a) A (b) D
(c) C (d) B

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (b) : According to question, answer figure is obtained in option (b).

451. Choose the option from answer figure which is related to the third question figure in the same way as the second question figure is related to the first question figure?

Question Figure:

Answer Figure:

1 2 3 4

(a) 3 (b) 4
(c) 1 (d) 2

RRB Group-D – 15/11/2018 (Shift-I)

Ans. (b) : Answer figure is obtained as pictures (1).

452. Choose the correct figure from the answer figures to replace the question mark.

Problem Figure:

A B C D

Answer Figure:

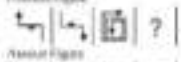
(a) (b) (c) (d)

RRB ALP & Tec (21-08-18 Shift-I)
RRB ALP & Tec (30-08-18 Shift-I)

Ans. (a) : In the above question, in the place of question mark will be answer figure (a).

453. Complete the series given in the Problem Figure with an appropriate option from the Answer Figure.

Problem Figure:



Answer Figure:

1 2 3 4

(a) 2 (b) 4
(c) 1 (d) 3

RRB ALP & Tec (14-08-18 Shift-I)

Ans. (d) : It is clear to the figure that the figure is moving clockwise at an angle of 180°. Therefore, It is clear from looking at the answer figure that the third answer figure is rotating clockwise at an angle of 180° compared to the figure. Hence, option (d) is correct.

454.

Which of the following figures fit correctly in the above blanks from figures given below?

a b c d

(a) A (b) D
(c) C (d) B

RRB Group-D – 17/10/2018 (Shift-I)

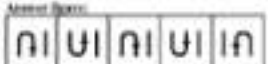
Ans. (a) : Just as, the first figure contain 180°, the second figure is obtained, similarly the third figure rotating 180° will give option figure A.

455. Select the answer figure in the place of '?' in question figure series that is related to C as the same basis as figure B is related to figure A.

Question Figure:

A B C D

Answer Figure:



1 2 3 4 5

(a) 3 (b) 4
(c) 5 (d) 1

RRB Group-D – 25/10/2018 (Shift-II)

Ans. (b) : To get the figure from the figure A, as shown by rotating the figure A by 180° then by moving the right shape to the left and left to right and the move of first shape ■ is replaced by the 2nd picture shape same as answer 4 will be obtained from the figure C. So option (b) will be correct.

416. Shivanand made different figures in three sections. In the following figure data a and data b are related in a particular way. Establish a relationship between c and d by choosing the correct option from the five options.

(a) 1 (b) 4
(c) 3 (d) 2

RRB Group-D – 12/10/2019 (Shift-I)

Ans. (d) : Figure 2 will be the desired shape which replaces the question mark.

417. Find the next picture for given sequence from answer pictures:

Question Figure:

Answer Figure:

(a) D (b) A
(c) B (d) C

RRB Group-D – 12/10/2019 (Shift-I)

Ans. (b) : Answer figure A would be appropriate in place of question mark.

418. Select the option that is related to the third figure in the same basis as the second figure is related to the first figure?

RRB Group-D – 11/12/2018 (Shift-I)

Ans. (c) : Just as, a triangle is formed inside the quadrilateral in the first figure, whereas a quadrilateral is formed inside the triangle in the second figure. Similarly, a hexagon is formed inside the pentagon in the third figure, then in the next figure there will be a pentagon inside the hexagon. Hence, option (c) is correct.

Type - 6

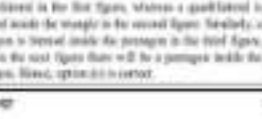
419. Select the option that is related to the fifth alphanumeric-cluster in the same way as the second alphanumeric-cluster is related to the first alphanumeric-cluster and the fourth alphanumeric-cluster is related to the third alphanumeric-cluster.

VT14 : QR7 :: CR24 : FU12 :: PV36 : ?

(a) TY8 (b) TZ17
(c) SF15 (d) SY15

RRB NTPC (Stage-I) – 19/06/2022 (Shift-II)

Ans. (d) : First set,



Same set,

Hence, option (d) is correct.

420. Select the option that is related to the fifth alphanumeric-cluster in the same way as the second alphanumeric-cluster is related to the first alphanumeric-cluster and the fourth alphanumeric-cluster is related to the third alphanumeric-cluster.

HR13 : MV36 :: EJ14 : JQ42 :: PR17 : ?

(a) UZ11 (b) VE36
(c) VZ14 (d) UZ32

RRB NTPC (Stage-II) – 16/06/2022 (Shift-III)

Ans. (c) : First set,

and,

Same set,

421. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

AJE7X31 : ICSG19U :: R4H1U23 : JD9K2I9W
:: U9H1H,34 : ?

(a) IR8U9D (b) 3R8U9N
(c) 3R8U2N (d) IR8U2D

RRB Group-D 19-09-2022 (Shift-I)

Ans. (c) : first as,

A 3 E 7 5 2 1 → I C T G D U

and,

R 4 U 1 1 U 2 3 → 2 D 9 K 2 I 9 W

Same as,

U 1 H 1 U L 3 4 → 3 E 8 4 1 2 N

462. In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

(a) DO : ACM9 (b) ST : CRUV
(c) GO : ARD3 (d) TO : SUNP

RRB Group-D 19-09-2022 (Shift-III)

Ans. (d) : In the given letter-cluster, the letter T and O fits in between second letter - cluster.

S T U N O P

While the rest clusters are not fulfills the conditions. Hence option (d) is correct.

463. K12P is related to NJM9 in a certain way. In the same way, G3H1, is related to QM4L. To which of the following is S3H9 related, following the same logic?

(a) V4H1 (b) V4H3
(c) T42P (d) U42P

RRB Group-D 12-09-2022 (Shift-III)

Ans. (d) : first as,

K 12 P → M 24 N

and,

G 3 H 1 → Q 34 P

Similarly,

S 3 H 9 → U 4 2 P

464. TR 12 is related to QV 20 in a certain way. In the same way, NH 16 is related to JU 24. To which of the following is RD 28 related following the same logic?

(a) RO 28 (b) AO 28
(c) OA 28 (d) OA 28

RRB Group-D 12-09-2022 (Shift-II)

Ans. (c) : first as,

T R 12 → Q V 20

and,

N H 16 → J U 24

Same as,

R D 28 → O A 28

465. Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to the third term.

AGAAB : 11 :: PHAFF : 12 :: DFOTEL : ?

(a) 15 (b) 12
(c) 10 (d) 14

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (d) : first as

Note :- $\frac{\text{(Alphabetical order of letters)}}{6}$

A C O A B → $\frac{(1+3+15+1+2)}{6} = 12$

and,

P H H O T → $\frac{(16+8+8+15+20)}{6} = 12$

Same as,

H O T E L → $\frac{(8+15+20+5+12)}{6}$

Hence, ? = 14

466. Select the option that is related to the third expression in the same way as the second expression is related to the first expression.

L + V : 12 + 22 :: Q + Z : ?

(a) 19 + 10 (b) 12 + 14
(c) 17 + 20 (d) 11 + 15

RRB NTPC 12.01.2021 (Shift-II, Stage-I)

Ans. (c) : first as,

L + V : 12 + 22

Letter number

Same as,

Letter number

So, ? = 12 × 26

467. Select the option that is related to the third term in the same way as the second term is related to the first term.

WAITER : 242923 :: JUMPER : ?

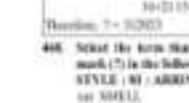
(a) 312923 (b) 302923

(c) 232923 (d) 312023

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (a) : first as,

Same as,



Therefore, ? = 312923

468. Select the term that can replace the question mark (?) in the following analogy.

STYLE : 81 :: ARRIVAL :: CRACK : 36 : ?

(a) SMELL (b) RIDE

(c) ROSE (d) STRAW

RRB NTPC 20.01.2021 (Shift-I) Stage Ist

Ans. (b) : Ist as,

Same as,

469. Find the missing term from options.

CAB : 312 :: ? : 1324

(a) BAD (b) SAD

(c) MBD (d) ADD

SFF SI 19.12.2018 Shift : III

Ans. (d) first as,

CAB

↓ ↓ ↓

Same as,

M B D

↓ ↓ ↓

312 4

Missing, ? = MBD

Note: Alphabet (27) is omitted.

470. Select the option that is related to the third term in the same basis as the second term is related to the first term.

PEN : 700 :: FOG : ?

(a) 637 (b) 671

(c) 670 (d) 667

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (d) :

first as

Same as,

471. Complete the code?

R : 8 :: C : ?

(a) 27 (b) 100

(c) 24 (d) 11

RRB NTPC 17.01.2017 (Shift-I)

Ans. (a) : first as, R → 7 → 8

Same as, C → 3 → 27

472. Select the missing term based on the given related pair of terms :

BAT : 10120 :: GOD : _____

(a) 7154 (b) 7174

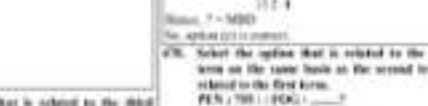
(c) 7144 (d) 7164

RRB ALP & Tec. (29-08-18 Shift-II)

Ans : (a) first as, Same as,

473. Study the given pattern carefully and select the image from among the given option that can replace the question mark (?).

(a) (b)



(c) (d)

RRB NTPC 14.12.2020 (Shift-I) Stage Ist

Ans. (a) : In the given pattern Roman numerals are presented by points. The next pattern figure is continued in option (a).

(Hint: Roman Numerals- I, II, III, IV,.....)

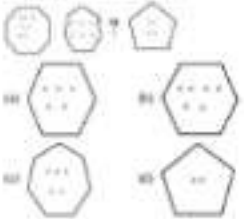
474. Select the missing word based on the given related pair:

(a) Nest (b) Bird House
(c) Den (d) Hat

RRB NTPC 14.01.2019 Shift : III

Ans. (a) : Where dog lives is called 'Kennel', in the same way where bird lives is called 'Nest'.

475. Select the figure that can replace the question mark (?) in the following series.



RRB NTPC 28.12.2020 (Shift-II) Stage-I

Ans. (a) : The number of sides in the figure is 1 less than the number of sides in the figure. Hence, option (a) is correct answer.

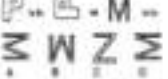
476. 'M' is related to 'W' in the same way 'O' is related to following.

(a) U (b) B
(c) D (d) C

RRB Group-D – 05/12/2018 (Shift-I)

Ans. (a) : In(a), water image of M will be W. Same as, water image of O will be U.

477. Select the option that is related to the third term on the same basis as the second term is related to the first term?



(a) D (b) A
(c) B (d) C

RRB Group-D – 05/12/2018 (Shift-I)

Ans. (a) : In the given series, when the letter P is rotated at an angle of 90° to the left, the next figure is obtained, in the same way, if the letter M is turned to the left at an angle of 90° then the next figure will be obtained.

478. Select the missing word based on the given related pair:

(a) Kitten (b) Child
(c) Caterpillar (d) Lawn

RRB ALP & Tec. (16-08-18 Shift-III)

Ans. (a) Just as, horse is related to pony. Same as, butterfly is related to caterpillar.

479. Select the missing word based on the given related pair:

(a) Crowd (b) Swarm
(c) Flock (d) Army

RRB ALP & Tec. (10-08-18 Shift-II)

Ans. (c) : Just as, group of grapes is called 'Bunch'. Same as, group of sheep is called 'flock'.

480. Which number would best complete the relation given below?
Handball : 7 :: Field Hockey : ?

(a) 13 (b) 11
(c) 7 (d) 14

RRB JE – 30/05/2019 (Shift-I)

Ans. (b) Just as, it has 7 players in handball. Same as, it has 11 players in field hockey.

481. Which number would best complete the relation given below?
Basketball : 5 :: Football : ?

(a) 15 (b) 7
(c) 11 (d) 13

RRB JE – 23/05/2019 (Shift-I)

Ans. (c) : Just as, it has 5 players in basketball. Same as, it has 11 players in football.

482. Find similarity in following.
Vulture, Kite, Bat, Owl

(a) Those all birds are flying at night
(b) Those all are Mammals
(c) Those all can fly
(d) There is no similarity

RRB NTPC 29.01.2016 Shift : II

Ans. (a) In the above question vulture, kite, owl and bat have mostly one similarity that all they can fly.

483. Find the similarity in the following
Play, Movies, Documentary, Road show

(a) All can be used to convey a social message
(b) These are all displayed in theatres
(c) All of them are only in English language
(d) There is No similarity

RRB NTPC 24.07.2019 Shift : I

Ans. (a) Ships, movies, documentary and road show all can be used to convey a social message.

404. Find the similarity in the following.
Boat, Ship, Submarine, Sports Boat
(a) These all move in the water.
(b) These are all part of water.
(c) They all have a high hull.
(d) These all made of Paper.

RPF Constable 19.01.2019 Shift : II

Ans. (a) Boat, Ship, Submarine and Sports boat are means of moving in water.

405. Find the similarity in the followings.
Bulb, Sun, Lamp, Candle
(a) All is made of iron.
(b) All work on the electricity.
(c) Available in all sizes.
(d) All is source of light.

RRB NTPC 05.04.2016 Shift : II

Ans. (d) Bulb, Sun, Lamp and Candle are source of light.

406. Select the word from the options, which is similar to the given words in a certain manner
Stable, Barrow, Nest
(a) Shoe (b) City
(c) Bird (d) Tea

RRB NTPC 09.01.2021 (Shift-1) Stage Ist

Ans. (d) : In the given alternative the words are same as given in the original words, because the stables are for animals (domestic), and the Bird's Barrows for tea, makers eat and drink for tea.

407. Following a certain logic, 5 is related to 20 in the same way as 7 is related to 42 and 9 is related to 54. Using the same logic, to which of the following is 11 related?
(a) 120 (b) 121
(c) 123 (d) 124

RRB NTPC 26.07.2021 (Shift-1) Stage Ist

Ans. (d) : Into as,
$5 \times 4 = 20$
and $7 \times 3 = 42$
and $9 \times 3 = 54$
Same as,
$11 \times 3 = \boxed{124}$

408. BYG is related YBT by a certain logic. Following the same logic, EPR is related to PET. Which of the given options follows the same logic?
(a) ASI-SAB (b) ASI-SAP
(c) ASI-SAF (d) ASI-SAR

RRB NTPC 26.07.2021 (Shift-1) Stage Ist

Ans. (a) : Into as, and

Similarly,
From option (a)

∴ Option (a) follows the given logic.

409. Select the word from the options that is similar to the given set of words in a certain way.
Bokaro, Bhilai, Rourkela?
(a) Ranchi (b) Kanpur
(c) Lucknow (d) Durgapur

RRB NTPC 07.04.2021 (Shift-II) Stage Ist

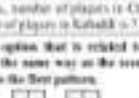
Ans. (d) : Into as, Bokaro, Bhilai, Rourkela are steel plants. Similarly, Durgapur is a steel plant.

410. Select the option that is related to the third term in the same way as the second term is related to the first term.
Cricket : 11 :: Kabaddi :?
(a) 2 (b) 4
(c) 9 (d) 7

RRB NTPC 19.01.2021 (Shift-II) Stage Ist

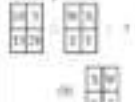
Ans. (d) : Into as, number of players in Cricket is 11. Similarly, number of players in Kabaddi is 7.

411. Select the option that is related to the third pattern in the same way as the second pattern is related to the first pattern.



RRB NTPC 19.01.2021 (Shift-II) Stage Ist

Ans. (b) : From question,



02.

Coding-Decoding

Type - 1

1. **In a certain alpha-numeric code, 'PLATE' is written as 45 and 'BLEAK' is written as 15. How will 'PASTE' be written in the same code?**
   (a) 12 (b) 21
   (c) 14 (d) 16

RRB Group-D 11-10-2022 (Shift-1)

Ans. (d) : first as,

P L A T E

↓ ↓ ↓ ↓ ↓

16 + 12 + 1 + 20 + 5 = 54 $\xrightarrow{\text{Reverse}}$ 45

and

B L E A K

↓ ↓ ↓ ↓ ↓

2 + 12 + 5 + 1 + 11 = 31 $\xrightarrow{\text{Reverse}}$ 15

Same as,

P A S T E

↓ ↓ ↓ ↓ ↓

16 + 1 + 19 + 20 + 5 = 61 $\xrightarrow{\text{Reverse}}$ 16

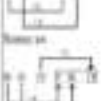
2. **UT 69 is related to SN 97 in a certain way. In the same way, GK 89 is related to KO 11. To which of the following is BG 13 related following the same logic?**
   (a) KF 13 (b) FK 20
   (c) FK 13 (d) KF 91

RRB Group-D 27-09-2022 (Shift-III)

Ans. (a) : first as

And

Same as



Hence, option (a) is correct.

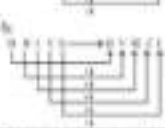
3. **In a certain code language, MADRAS is written QEVOW and CLOSE is written as GPVSI. How will DRIVE be written in the same language?**
   (a) IVVMZE (b) IVVMAZ
   (c) GVMZI (d) IVVMZI

RRB Group-D 24-08-2022 (Shift-I)

Ans. (d) : first as,

And,

Similarly,



4. **In a certain code language, MUTINY is written as 2514902111 and MAGIC is written as 3471113. How will NECTAR be written in the same language?**
   (a) 1824951 (b) 1812819 14
   (c) 1825804 8 (d) 1912819 14

RRB Group-D 15-06-2022 (Shift-II)

Ans. (b) : first as,

MUTINY → (13 21 20 9 14 25)

↓ (Reverse order)

(25 14 9 20 21 13)

And,

MAGIC → (13 1 7 9 3)

↓ (Reverse order)

(3 9 7 1 13)

Similarly,

NECTAR → (14 5 3 20 1 18)

↓ (Reverse order)

(18 1 20 3 5 14)

Hence, NECTAR is coded as 1812819 14.

5. **SN 18 is related to SN 22 in a certain way. In the same way, KN 28 is related to PI 32. To which of the following is PH 44 related following the same logic?**
   (a) RC 47 (b) CK 48
   (c) RE 49 (d) CE 74

RRB Group-D 29-09-2022 (Shift-II)

Ans. (a) : Such as,

T E 18

$\downarrow 5^{\uparrow}$ $\downarrow 5^{\uparrow}$ $\downarrow 4^{\uparrow}$

S N 22

And,

K S 28

$\downarrow 5^{\uparrow}$ $\downarrow 5^{\uparrow}$ $\downarrow 4^{\uparrow}$

F I 32

Similarly,

P H 48

$\downarrow 5^{\uparrow}$ $\downarrow 5^{\uparrow}$ $\downarrow 4^{\uparrow}$

K C 48

6. In a certain code language, 'DOUGH' is written as 2015178 and 'PLEAD' is written as 1612514. How will 'CLONE' be written in the same language?

(a) 3121220 (b) 3120220

(c) 3121320 (d) 3120320

RRB Group-D 23-08-2022 (Shift-I)

Ans. (b) : The place value of each alphabet letter has been written in the sequence

DOUGH = value of T = 20 = 2012178

D = 2

O = 0

U = 21

G = 7

H = 8

PLEAD = Value of P = 16 so 1612514

L = 12

E = 5

A = 1

D = 4

CLONE = value of C = 3 so 3121220

L = 12

O = 15

N = 22

E = 5

7. In a certain code language, If 'CELL' is coded as '32' and 'PHONE' is coded as '50', then will 'BOLD' be coded in that language?

(a) 43 (b) 50

(c) 32 (d) 35

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (d) : Such as,

C E L L

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

3 5 12 12 → 3 + 5 + 12 + 12 = 32

And,

P H O N E

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

16 8 15 14 5 → 16 + 8 + 15 + 14 + 5 = 58

Same as,

B O L D

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

2 15 12 4 → 2 + 15 + 12 + 4 = 33

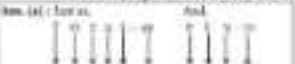
8. In a certain code language, TOTAL is written as 60 and PEN is written as 35. In the same language, what will 60[ ], be written as?

(a) 50 (b) 46

(c) 38 (d) 44

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (c) : Such as,



Same as,

Hence : [ ] = 38

9. In a certain code language, CAHLE is coded as 65a78 and PARKLET is coded as 8091762. How will ELRAP be coded in that language?

(a) 98045 (b) 68710

(c) 87098 (d) 78910

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (c) : Such as,

C A H L E P A R K L E T

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

6 5 a 7 8 8 0 9 1 7 6 2

Hence ELRAP is coded as 87098.

10. In a certain code language, BUTTER is written as 2212020426, MINED is written as 1391494. How will OIL be written in that language?

(a) 17494 (b) 12140

(c) 15912 (d) 18012

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

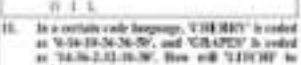
Ans. (c) : Such as,

2 21 20 20 5 18

$\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$

B U T T E R

Same as,



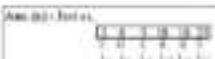
11. In a certain code language, 'CHURN' is coded as '9-16-19-26-26-29', and 'CRAPEN' is coded as '26-26-2-32-16-28'. How will 'LATCH' be coded in that language

(a) 29-1-26-26-6-16-29 (b) 29-15-48-6-16-18

(c) 29-1-48-6-16-18 (d) 29-15-48-6-16-18

RRB NTPC (Stage-II) – 19/06/2022 (Shift-II)

Ans. (c) : Just as,



And,

Same as,

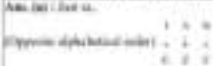
Hence, option (c) is correct.

13. **'TABLE' is related to '7262532' and 'FORMS' is related to '21129140', in the same way as 'CHAIR' is related to '_____'.**

(a) 2410261 (b) 2010261 (c) 2412261 (d) 2140261

RRB NTPC (Stage-II) - 16/08/2022 (Shift-I)

Ans. (a) : Just as,



(Opposite alphabetical order)

And,

(Opposite alphabetical order)

Same as,

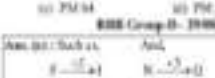
(Opposite alphabetical order)

14. **FM 29 is related to 12 125 in a certain way. In the same way, NH 36 is related to QL 216. To which of the following is MP is related following the same logic?**

(a) QN 64 (b) PN 64
(c) PM 64 (d) PM 32

RRB Group-D- 19/08/2022 (Shift-II)

Ans. (a) : Such as, And,



Similarly,

Hence, option (a) is correct answer.

14. **In a certain code language, 'ROUTE' is written as '54%&8' and 'CUTRA' is written as '%,8%@'. How will 'BLADE' be written in that language ?**

(a) 39342 (b) 32442
(c) 9&%@% (d) 139%12

RRB Group-D- 06/10/2022 (Shift-III)

Ans. (d) : Such as, And,

Similarly,

Now, using code of letters

Hence, option (d) is correct answer.

15. **In a certain code language, TRY is written as 63 and NOT is written as 49, How will DUG be written in the same language?**

(a) 30 (b) 48
(c) 36 (d) 32

RRB Group-D- 17/08/2022 (Shift-III)

Ans. (d) : Such as,

T R Y → 20+18+25 = 63

And,

NOT → 14+15+24 = 49

Similarly,

D U G → 4+21+7 = 32

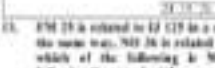
Hence, option (d) is correct answer.

16. **In a particular language, AC is written as 13 and FG is written as 67. How will HI be written in that language?**

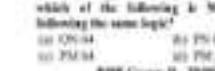
(a) 81 (b) 73
(c) 75 (d) 69

RRB Group-D- 26/08/2022 (Shift-II)

Ans. (d) : Just as,



And,



Same as,

Hence, option (d) is correct.

17. **In a certain code language, 'FUEL' is written as '50' and 'HEER' is written as '44'. How will 'FAIR' be written in that language?**

(a) 40 (b) 38
(c) 34 (d) 36

RRB Group-D- 17/08/2022 (Shift-II)

Ans. (d) : Just as,

Ans. (c) : Given,

And,

I E C R

16 → 5 → 3 → 18 = 36 → [illegible] = 44

Same as,

T A H E

6 → 1 → 18 → 5 = 18 + [illegible] = 36

Hence, option (c) is correct.

18. BUDG is related to GZIM, in a certain way. In the same way, LCIM is related to QHMR. To which of the following is GZIN related following the same logic?

(a) ZLN1 (b) LZ130

(c) LZ136 (d) LP130

RRB Group-D : 17/08/2022 (Shift-I)

Ans. (c) : First as,

B U D G

2 21 4 7

↓ ↓ ↓ ↓

G Z I M

And,

L C I M

12 3 9 13

↓ ↓ ↓ ↓

Q H M R

Similarly,

G Z I N

7 26 9 14

↓ ↓ ↓ ↓

Z L Z 1 5

19. In a certain code language, PAINT is coded as 63527 and SCORE is coded as 49861. How would you code RECENT in the same language?

(a) 921214 (b) 190905

(c) 449497 (d) 439127

RRB NTPC 07.01.2021 (Shift-I) Stage Ist

Ans. (d) : According to the question,

P → 6 S → 4

A → 3 C → 9

I → 5 O → 8

N → 2 R → 9

T → 7 E → 1

By using the given code

R → 9

E → 1

C → 9

E → 1

N → 2

T → 7

Hence, RECENT = 919127

20. In a code language, IF KARAN is written as 45, then how will ARUN be written as in that language?

(a) 54 (b) 36

(c) 41 (d) 42

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (b) : As,

K A R A N

11 → 1 → 18 → 1 → 14 = 45

Same as,

A R U N

1 → 18 → 21 → 14 = 54

21. If A is equal to 1, M is equal to 13 and R is equal 18, how would you spell MISSION?

(a) 1291019114 (b) 1819191114

(c) 1391019114 (d) 1391191114

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (c) : Given, A = 1, M = 13 and R = 18 then,

M I S S I O N

↓ ↓ ↓ ↓ ↓ ↓ ↓

13 9 19 19 9 15 14

22. In a code language, if LAST is written as 1234 and BOOK is written as 5667, how will TOAST be written as in that language?

(a) 45234 (b) 46234

(c) 46234 (d) 47234

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (b) : According to the question,

L A S T And B O O K

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

1 2 3 4 5 6 6 7

According to above code

T O A S T

↓ ↓ ↓ ↓ ↓

4 6 2 3 4

23. In a code language, if FORWARD is written as 123456 and WATER is written as 45783, how will RETARD be written as in that language?

(a) 387546 (b) 386526

(c) 387536 (d) 386546

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (c) : According to the question,

F O R W A R D And W A T E R

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

1 2 3 4 5 3 6 4 5 7 8 3

According to above code

R E T A R D

↓ ↓ ↓ ↓ ↓ ↓

3 8 7 5 3 6

Hence, RETARD = 387536

24. If LOVE is coded as 54, then what will be the code for TEAR?

(a) 42 (b) 40

(c) 46 (d) 48

RRB NTPC 10.01.2021 (Shift-I) Stage Ist

Ans. (d) : First as,

LOVE = 12 + 15 + 22 + 5 = 54

(Sum of alphabetical order)

Similarly,

TEAR = 20 + 5 + 1 + 18 = [illegible]

25. If A = 26 and B = 19, then CASHON = ?

(a) 212819181213 (b) 212818181213

(c) 212819181213 (d) 212819181214

RRB NTPC 11.01.2021 (Shift-I) Stage Ist

Ans. (c): Just as,

A $\xrightarrow{\text{Opposite}}$ Z = 26

And

H $\xrightarrow{\text{Opposite}}$ S = 19

Same as,

F $\xrightarrow{\text{Opposite}}$ U = 21

A $\xrightarrow{\text{Opposite}}$ Z = 26

S $\xrightarrow{\text{Opposite}}$ H = 8

H $\xrightarrow{\text{Opposite}}$ S = 19

I $\xrightarrow{\text{Opposite}}$ R = 18

O $\xrightarrow{\text{Opposite}}$ L = 12

N $\xrightarrow{\text{Opposite}}$ M = 13

Hence, FASHION will be written as 21269191213.

26. If the code for LETTER is written as 12131720 and BLOS is written as 2129190, then which of the given option will be the code for CONDITION?

(a) 31141411 (b) 31141414

(c) 31151441214 (d) 31152131312

RRB NTPC 11.01.2021 (Shift-1) Stage Ist

Ans. (c): Just as,

L $\longrightarrow$ 12

E $\longrightarrow$ 5

T $\longrightarrow$ 20

T $\xrightarrow{\text{Opposite}}$ G = 7

E $\xrightarrow{\text{Opposite}}$ V = 22

R $\longrightarrow$ 18

And,

B $\longrightarrow$ 2

L $\longrightarrow$ 12

I $\longrightarrow$ 9

S $\longrightarrow$ 19

S $\xrightarrow{\text{Opposite}}$ H = 8

Same as,

C $\longrightarrow$ 3

O $\longrightarrow$ 15

N $\longrightarrow$ 14

M $\xrightarrow{\text{Opposite}}$ N = 14

D $\xrightarrow{\text{Opposite}}$ L = 12

N $\longrightarrow$ 14

27. In a certain code language, PENINSULA is written as 111. How will DICHOTOMY be written as in that language?

(a) 222 (b) 123

(c) 212 (d) 112

RRB NTPC 30.12.2020 (Shift-1) Stage Ist

Ans. (d): Just as,

P + E + N + I + N + S + U + L + A

16 + 5 + 14 + 9 + 14 + 19 + 21 + 12 + 1 = 111

Similarly,

D + I + C + H + O + T + O + M + Y

4 + 9 + 3 + 8 + 15 + 20 + 15 + 13 + 25 = 112

28. If J = 17 and N = 13, then J[N]100 = ?

(a) 17313101 29 (b) 17713101 29

(c) 17413101 29 (d) 17813101 29

RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (d): Given

J = 17, N = 13

J $\xrightarrow{\text{position}}$ Q

10 17 (opposite letter)

N $\xrightarrow{\text{position}}$ M

14 13 (opposite letter)

Similarly,

J $\xrightarrow{\text{position}}$ Q(17)

1 $\xrightarrow{\text{position}}$ J (10)

N $\xrightarrow{\text{position}}$ M(13)

1 $\xrightarrow{\text{position}}$ R (18)

00 $\xrightarrow{\text{position}}$ LL(12)

0 $\xrightarrow{\text{position}}$ L(9)

Hence, J[N]100 = 17813101 29

29. If ACE = 10, AGED = 91 then CARE = ?

(a) 300 (b) 323

(c) 280 (d) 350

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (a): Just as,

A C E

1 3 5

(10) = (10) + (00) = 10

And,

A G E D

1 7 5 4

(10) = (70) + (05) + (16) = 91

Same as,

C A R E

3 1 18 5

(10) + (00) + (180) + (10) = 300

Hence, CARE = 299

30. In a certain code language, RAIN is written as 1678 and WET is written as 135. How will ENTER be written as in that language?

(a) 30304 (b) 10134

(c) 30045 (d) 10034

RRB NTPC 03.01.2021 (Shift-II) Stage Ist

Ans. (b): According to the question,

E → 0 And W → 1

A → 6 E → 3

I → 7 T → 3

N → 8

Using the code of above letters,

E → 3

N → 8

T → 3

E → 3

E → 0

∴ ENTER = 30304

31. In a certain code language, SCHOOL is coded as the number 72. What number will FLOWER be coded as in that language?

(a) 54 (b) 70

(c) 71 (d) 89

RRB NTPC 15.03.2021 (Shift-I) Stage 1st

Ans. (b) : Just as,

SCHOOL ⇒ (19 + 3 + 8 + 15 + 15 + 12) = 72

Same as,

FLOWER ⇒ (6 + 12 + 15 + 23 + 5 + 18) = 79

32. In a certain code language, 'QZDM' is written as '51', 'PLMQ' is written as '54'. What is the code for 'SNRB' in that code language?

(a) 37 (b) 33

(c) 38 (d) 36

RRB NTPC 18.03.2021 (Shift-I) Stage 1st

Ans. (a) : Just as,

QZDM ⇒ (17 + 26 + 4 + 4) = 51

And, PLMQ ⇒ (16 + 12 + 13 + 17) − 4 = 54

Similarly,

SNRB ⇒ (19 + 14 + 18 + 2) − 4 = 34

33. In a certain code language 'BQN' is coded as 53 'BLP' is coded as 36 how will 'SRF' be written in that code language?

(a) 47 (b) 51

(c) 53 (d) 49

RRB NTPC 05.04.2021 (Shift-II) Stage 1st

Ans. (a) : Just as,

B(2)N(14) + (7 + 4) = 49

49 − 4 = 45

(2)L(P(16) + (7 + 4) = 32

32 + 4 = 36

Similarly,

S(R(P) + (18 + 5 + 6) = 42

42 − 4 = 38

34. If in a certain code language A is written as 1 and AIR is written as 28 then how will AIRCRAFT be written in that language?

(a) 78 (b) 76

(c) 82 (d) 80

RRB NTPC 23.07.2021 (Shift-II) Stage 1st

Ans. (a) : Just as, And

A → 1

I → 9

R → 18

(Alphabetical order)

Same as,

A I R C R A F T

1 9 18 3 18 1 6 20

1 + 9 + 18 + 3 + 18 + 1 + 6 + 20 = 76

35. In a certain coded language "ARCHITECT" has been written as 1208101127521. Then in same language "MANAGER" would be written as

(a) 1311137918 (b) 1310107118

(c) 1313039720 (d) 1310913720

RRB NTPC 26.07.2021 (Shift-II) Stage 1st

Ans. (c) : Just as, Same as,

A → 1

R → 18

C → 3

H → 8

I → 9

T → 20

E → 5

C → 3

T → 20

M → 13

A → 1

N → 14

A → 1

G → 7

E → 5

R → 18

36. If DIRTY is written in certain code 24759 and FUAM is written as 1863, ARID will be written as,

(a) 6742 (b) 9161

(c) 1679 (d) 2694

RRB ALP CBT-2 Electrician 11.01.2019 (Shift-I)

Ans. (d) :

Such as, and,

D I R T Y F U A M

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

2 4 7 5 9 1 8 6 3

Similarly,

A R I D

↓ ↓ ↓ ↓

6 7 4 2

37. In a certain code EXACT is written as 91684 and MILK is written as 7243, how will MILT be written?

(a) 7041 (b) 8243

(c) 7304 (d) 4794

RRB ALP CBT-1 Mec. - Diesel 23.01.2019 (Shift-II)

Ans. (d) :

Such as, and

E X A C T M I L K

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

9 1 6 8 4 7 2 4 3

Similarly,

M I L T

↓ ↓ ↓ ↓

7 2 4 3

38. If ANIMER = 27 and BROWN = 34, then GREEN will equal to:

(a) 28 (b) 36

(c) 39 (d) 24

RRB NTPC 28.12.2020 (Shift-II) Stage 1st

Ans. (b) : Just as,

A M B E R

↓ ↓ ↓ ↓ ↓

1 + 13 + 2 + 5 + 18 = 39 (i.e. 3x13 = 27)

And,

B R D W N

↓ ↓ ↓ ↓ ↓

2 + 18 + 4 + 23 + 14 = 52 (i.e. 7 + 2 = 14)

Similarly,

G R E E N

↓ ↓ ↓ ↓ ↓

7 + 18 + 5 + 5 + 14 = 49 (i.e. 4 + 9 = 36)

39. In a certain code language, ACCESS is written as EXHHSS. How will EXCELLENCE be coded as in that language?

(a) EXGEYLLGEYLGEX (b) EXFEYLLGEYLGEX

(c) EXGEYLLFEYLGEX (d) EXGEYLLGEYLFEX

RRB NTPC 28.12.2020 (Shift-II) Stage Ist

Ans. (a) : Just as,

		Same as,	
		E →	5
		X →	24
A →	1	C →	3
C →	3	E →	5
C →	3	L →	12
E →	5	L →	12
S →	19	E →	5
S →	19	N →	14
		C →	3
		E →	5

Hence, option (a) will be correct.

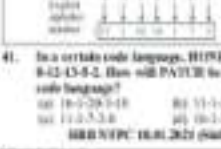
40. If A is equal to 1, S is equal to 19 and G is equal to 7, how would you spell 'MASSAGE'?

(a) 1319919137 (b) 1319919177

(c) 1319943237 (d) 1319943177

RRB NTPC 09.01.2021 (Shift-II) Stage Ist

Ans. (a) :



41. In a certain code language, HONEY is coded as 8-12-13-5-2. How will PATCH be coded in that code language?

(a) 16-1-20-3-8 (b) 11-1-20-3-8

(c) 11-1-7-3-8 (d) 16-1-7-3-8

RRB NTPC 18.01.2021 (Shift-II) Stage Ist

Ans. (c) : H = 8 = H

O = 12 = L

N = 13 = M

E = 5 = E

Y = 2 = B

Logic – The alphabets for A to M are used in sequence, while the alphabets from N to Z are used in their opposite order.

∴ P = 11 = K

A = 1

T = 7 = G

C = 3

H = 8

Hence, PATCH = 11 – 1 – 7 – 3 – 8.

42. In a certain code language, 'JUNIOR' is written as 'S', 'LABORER' is written as 'F'. What is the code for 'JOSEPHINE' in that code language?

(a) 9 (b) 11

(c) 10 (d) 12

RRB NTPC 21.01.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,

12 1 6 5 6

JUNIOR → 9

And,

1 2 1 4 15 18

LABORER → 6

Similarly,

12 5 4 1 8 5 9

JOSEPHINE → 9

Hence, JOSEPHINE is coded by 9.

43. In a certain code language, 'RAHUL' is written as '80'. How will 'ARUN' be written as in that language ?

(a) 40 (b) 36

(c) 32 (d) 34

RRB NTPC 14.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

R A H U L

↓ ↓ ↓ ↓ ↓

18 + 1 + 8 + 21 + 12 = 60

Same as,

A R U N

↓ ↓ ↓ ↓

1 + (18 + 21) + 14 = 34

44. If RED is coded as 42516, then 100, will be coded as :

(a) 1625301 (b) 233481

(c) 160100 (d) 161004

RRB NTPC 23.01.2021 (Shift-I) Stage Ist

Ans. (d) :

Just as,

R E D

↓ ↓ ↓

Same as,

D E G

↓ ↓ ↓

4 5 7 → 457 (i.e.)

4 5 7 → 1 0 0 (i.e.)

45. In a certain code language, GOLDEN CIRCLE is written as 705124514 39303125. How will ENGLAND be written as in that language?

(a) 1147112144 (b) 5170121144
(c) 1147121144 (d) 5170112144

RRB NTPC 27.01.2021 (Shift-II) Stage 1st

Ans. (a) : Given,

From the above given code,

Hence, ENGLAND → 1147112144

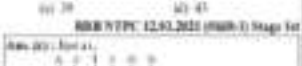
46. In a certain code language 'NATHIV' is written as '72' and 'NATURE' is written as 78. How will 'PACKED' be written as in that code language ?

(a) 40 (b) 40
(c) 39 (d) 45

RRB NTPC 12.01.2021 (Shift-I) Stage 1st

Ans. (d) : First as,

And,



Hence as,

47. In a certain code language, if PIPE is coded as 16884 then the last letter of SWAN will be coded as.

(a) 4 (b) 6
(c) 5 (d) 3

RRB Group-D – 17/09/2018 (Shift-I)

Ans. (a) : According to the alphabetical order

48. In a certain code language, if TEEN is coded as 200514 then ENTER will be coded as ?

(a) 314200518 (b) 514200418
(c) 314200418 (d) 514200518

RRB Group-D – 22/09/2018 (Shift-I)

Ans. (d) : According to the alphabetical order

As,

TEEN → 200514

Similarly,

ENTER → 514200518

49. In a certain code language, if YELL is coded as 25512121212 then TALE will be coded as ?

(a) 206125 (b) 201115
(c) 211125 (d) 201126

RRB Group-D – 24/09/2018 (Shift-II)

Ans. (a) : Given,

YELL → 25 5 12 12 12

Y → 25
E → 5
L → 12
L → 12

Similarly,

TALE = ?

T → 20
A → 1
L → 12
E → 5

Hence, TALE → 201125

50. In a certain code language, if YELL is coded as 2592 then MEET will be coded as ?

(a) 3551 (b) 3539
(c) 4550 (d) 3464

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (b) : First as,

YEL → 2592

Similarly,

MEET → 3550

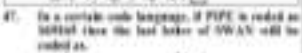
Here, the sum of the number of places of the letters is coded.

51. In a certain code language, if NEAT is coded as 3409 then LEARN will be coded as ?

(a) 16004 (b) 14073
(c) 14072 (d) 14043

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (b) : First as, Similarly,



Taking the unit digit in all,

Hence, LEARN → 14073

52. In a certain code language, if LET is coded as 12920 then WIN will be coded as ?

(a) 23614 (b) 22615
(c) 24519 (d) 23614

RRB Group-D – 22/09/2018 (Shift-III)

Ans. (a) : First as, Similarly,

53. In a certain code language, if LIT is coded as 12920 then FIAT will be coded as ?

(a) 206120 (b) 201120
(c) 209120 (d) 207120

RRB Group-D – 26/09/2018 (Shift-I)

Ans. (a) : Just as,

S	I	T				T	H	A	T
↓	↓	↓	(Place value of letter)			↓	↓	↓	↓
12	9	20				20	8	1	20

Similarly,

54. In a certain code language, if LEGEND is coded as 12375144 then TREND will be coded as?

(a) 2120144 (b) 2017144

(c) 2010144 (d) 2010144

RRB Group-D – 23/09/2018 (Shift-I)

Ans. (d) : Just as,

L	E	G	E	N	D
↓	↓	↓	↓	↓	↓
12	5	7	5	14	4

↓ In order of the English alphabet

Similarly,

T	R	E	N	D
↓	↓	↓	↓	↓
20	18	5	14	4

55. If PICTURE is coded as 8 and STUDIO is coded as 5 then how TELEVISION will be coded as?

(a) 6 (b) 9

(c) 8 (d) 7

RRB Paramedical 28.07.2019 Shift – III

Ans. (b) : Just as,

In PICTURE total characters are 7 and code = 7 – 1 = 6

In STUDIO total characters are 6 and code = 6 – 1 = 5

Similarly,

In TELEVISION total characters are 10 and code = 10 – 1 = 9

56. In a certain code language, if SELLY is coded as 2419 then TINED will be coded as?

(a) 98265 (b) 96265

(c) 98264 (d) 96264

RRB Group-D – 24/09/2018 (Shift-I)

Ans. (a) : Just as,

S	E	L	L	Y	→ 2419
↓	↓	↓	↓	↓	
19 – 1	5 – 1	12 – 1	25 – 1		
18	4	11	24		→ 2419

Here, the value of their unit digit is written by subtracting 1 from the place value of each letter.

Similarly,

T I N E D → 9 8 1 4 3

57. If C = 24, EYE = 46, then FOX = ?

(a) 28 (b) 30

(c) 38 (d) 40

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (a) : Just as,

C $\xrightarrow{\text{Opposite letter}}$ X = 24

EYE $\xrightarrow{\text{Opposite letter}}$ VBE = 22 + 2 + 22 = 46

Similarly,

FOX $\xrightarrow{\text{opposite letter}}$ ULC = 21 + 12 + 3 = 36

58. In a certain code language, if EIGHT is coded as 12345678 and ELEVEN is coded as 123456789101, then SIX will be coded as?

(a) 123456789012 (b) 123456789

(c) 123456 (d) 123456789

RRB Group-D – 26/11/2018 (Shift-II)

Ans. (c) : Just as,

EIGHT → 8 => 12345678

ELEVEN → 11 => 123456789101

Similarly,

SIX → 6 => 123456

59. In a certain code language, if JINX : 7862, ZERO : 4771, FUZE : 9545, is coded as then UNIX will be coded as ?

(a) 3684 (b) 1628

(c) 3682 (d) 1628

RRB Group-D – 15/11/2018 (Shift-II)

Ans. (c) : Just as,

J	I	N	X	Z	E	R	O	F	U	Z	E	
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
1	9	6	2	4	7	7	1	5	9	4	7	

Similarly,

The code of all letters are given.

U	N	I	X
↓	↓	↓	↓
3	6	8	2

60. If seven is coded as 7654321 and ten as 1098765432 then how thirteen will be coded as?

(a) 1312111098765432

(b) 1311121098765432

(c) 1234567891011213

(d) 1311121098765432

RRB Group-D – 15/11/2018 (Shift-III)

Ans. (a) : Just as,

Seven → 7654321

And,

Ten → 10 9 8 7 6 5 4 3 2 1

Similarly,

Thirteen → 1 3 1 2 1 1 1 0 9 8 7 6 5 4 3 2 1

61. If A = 2, O = 30 and X = 48 then SAW is coded as.

(a) 100 (b) 98

(c) 95 (d) 88

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (d) : Just as,

A = 1 × 2 = 2

O = 15 × 2 = 30

X = 24 × 2 = 48

Similarly,

S = 19 × 2 = 38

A = 1 × 2 = 2

W = 23 × 2 = 46

∴ SAW = 38 + 2 + 46 = 86

62. In a certain code language, if TAKE is coded as 7919 and CAT is coded as 297 then CAKE will be coded as?

(a) 3170 (b) 7911

(c) 2919 (d) 3791

RRB NTPC 30.04.2016 Shift – I

Ans. (c) : Just as, and Similarly,

T → 7 C → 2 C → 2
A → 9 A → 9 A → 9
K → 1 E → 7 K → 1
E → 5 E → 5

Hence, CAKE = 2915

63. In a certain code language, if SIMPLE is coded as 631249 and PLOUGH is coded as 547928 then SLEEP will be coded as?

(a) 66995 (b) 64995
(c) 64999 (d) 66999

RRB NTPC 30.04.2016 Shift : 2

Ans. (b) : Just as, and Similarly,

SIMPLE PLOUGH SLEEP

631249 547928 64995

So, SLEEP will be written as 64995

64. In a certain code language, if INCLUDE is coded as 479025 and REVERT is coded as 395836 then how will be DRIVER coded as?

(a) 215365 (b) 231365
(c) 236315 (d) 236135

RRB NTPC 30.04.2016 Shift : 1

Ans. (d) : Just as, Similarly,

INCLUDE REVERT DRIVER

479025 395836 236135

Hence, DRIVER = 236135.

65. In a certain code language, if MOBILE is coded as 713094 and TABLET is coded as 253042, then BALLET will be coded as?

(a) 329943 (b) 339042
(c) 289342 (d) 359029

RRB NTPC 29.04.2016 Shift : 2

Ans. (b) : Just as, And,

MOBILE TABLET

713094 253042

Similarly,

BALLET = 339042

66. In a certain code language, if HISTORY is coded as 7326045 and CIVICS is coded as 135312, then VISITOR will be coded as ?

(a) 732304 (b) 693132
(c) 946132 (d) 532604

RRB NTPC 29.04.2016 Shift : 3

Ans. (a) : Just as,

HISTORY CIVICS

7326045 And 135312

Similarly,

VISITOR = 732604

67. In a certain code language, if WIND is coded as 6273 and RIVER is coded as 62901 then WINNER will be coded as.

(a) 527791 (b) 527792
(c) 527793 (d) 527794

RRB NTPC 29.04.2016 Shift : 1

Ans. (a) : Just as, Similarly,

WIND RIVER WINNER

6273 And 62901 527791

Hence, WINNER = 527791

68. In a certain code language, if HOUSE is coded as 10-12-23-17-7 then REHEARSE will be coded as?

(a) 20-7-10-7-3-20-23-7
(b) 16-3-6-3-25-16-17-3
(c) 20-3-10-3-3-16-23-3
(d) 16-3-6-3-1-16-20-5

RPF Constable 25.01.2019 Shift : II

Ans. (c) :

H O U S E

↓+2 ↓+2 ↓+2 ↓+2 ↓+2

10 12 23 17 7

R E H E A R S E

↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2

20 7 10 7 3 16 23 7

Hence, REHEARSE will be coded as 20-7-10-7-3-16-23-7.

69. In a certain code language, if PAINT is coded as 21843 and SHOT is coded as 8505 then TOAST will be coded as.

(a) 71892 (b) 20181
(c) 19139 (d) 13839

RRB NTPC 28.04.2016 Shift : 1

Ans. (b) : Just as, Similarly,

PAINT SHOT TOAST

21843 And 8505 20181

Hence, the code of TOAST is 20181.

70. If EAR = 235, TEAK = 7238 then KARATE = ?

(a) 827351 (b) 837352
(c) 836372 (d) 836372

RRB NTPC 26.04.2016 Shift : 1

Ans. (d) : Just as, And,

E A R T E A K

5 2 3 7 5 2 3 7

Similarly,

K A R A T E

3 2 3 2 7 5

8 3 6 3 7 2

Hence, KARATE = 836372

71. If TRACTOR = 14 and TROLLEY = 16, then SCOOTER = ?

(a) 24 (b) 14
(c) 28 (d) 30

RRB NTPC 21.04.2016 Shift : 3

Ans. (b) : Just as,

Number of letter in TRACTOR = 7

Hence, TRACTOR = 7 × 2 = 14

And

Number of letters in TIRLLEY = 7

Hence, TIRLLEY = 7 × 2 = 14

Similarly,

Number of letters in SCOOTER = 7

Hence, SCOOTER = 7 × 2 = 14

72. If in a certain code language, 'STARE' is written as 19201105, how will the word 'MOULD' be written in that code language?

(a) 13151324 (b) 13121324

(c) 13151324 (d) 13151214

RRB NTPC 09.04.2016 Shift : 3

Ans. (a) : According to the letter numbers,

Just as,

S – 19

T – 20

A – 1

R – 18

E – 5

Similarly,

MOULD = 13151324

73. If in a certain code language, PROMOTION is written as 36548957, how will the word MONITOR be written in that code language?

(a) 4578036 (b) 4578056

(c) 4597560 (d) 4578196

RRB NTPC 12.04.2016 Shift : 3

Ans. (a) : Just as,

PROMOTION

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

3 6 5 4 8 9 5 7

Similarly,

MONITOR → 4578036

74. In a certain code language 'EXTRANET' is written as 9944694 and 'TECHNOLOGY' as 48271884104. How will be the word 'TOLERANCE' written in that code language.

(a) 49991629 (b) 49991629

(c) 49991529 (d) 34991629

RRB NTPC 12.04.2016 Shift : 1

Ans. (a) : Just as,

EXTRANET TECHNOLOGY

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ And ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

9 9 4 6 9 4 9 4 4 8 2 7 1 8 8 4 1 0 4

Similarly,

TOLERANCE → 49991629

75. If VOTER = 41392, HEATER = 743614, TEASER = 645514 then how number 9 is coded as?

(a) 3 (b) 5

(c) 4 (d) 7

RRB NTPC 19.04.2016 Shift : 1

Ans. (c) : Each letter is coded by a number.

VOTER HEATER TEASER

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

4 1 3 9 2 7 4 3 6 1 4 6 4 5 5 1 4

Hence, the number 9 represents 5.

76. If AMERICA = 1734651, INDIA = 68961 then how is CANADA will be written as?

(a) 718161 (b) 738161

(c) 719161 (d) 713148

RRB NTPC 28.03.2016 Shift : 1

Ans. (b) : Just as,

A M E R I C A → 1 7 3 4 6 5 1

↓ ↓ ↓ ↓ ↓ ↓ ↓ and ↓ ↓ ↓ ↓ ↓ ↓ ↓

I N D I A → 6 8 9 6 1

Similarly,

CANADA → 738161

77. If 'R' is coded as 3, 'S' is coded as 1, 'N' is coded as 6, 'I' is coded as 1, 'U' is coded as 8, 'F' is coded as 3, 'S' is coded as 4, 'U' is coded as 8, and 'G' is coded as 7, then 423867 how will be coded as ?

(a) STRING (b) STRING

(c) SRTING (d) TRING

RRB JE - 30/09/2019 (Shift-I)

Ans. (b) : 32

R → 3 I → 1 N → 6 T → 2

U → 8 F → 3 S → 4 S → 8

G → 7

Hence the word formed from the code language 423867 will be STRING.

78. In a certain code language, 'BROTHER' is coded as 86 and 'FATHER' is coded as 58 'MOTER' is coded as 90 then how will 'MOTHER' written in that code?

(a) 83 (b) 79

(c) 82 (d) 73

RRB JE - 29/09/2019 (Shift-I)

Ans. (b) : Just as,

BROTHER → 2 + 18 + 15 + 20 + 8 + 5 = 68

FATHER → 6 + 1 + 20 + 8 + 5 = 58

MOTER → 13 + 15 + 20 + 5 + 18 = 90

Similarly,

MOTHER → 13 + 15 + 20 + 8 + 5 + 18 = 79

79. In a certain code language, if 'PLAY' is coded as 8125 and 'RHYME' is coded as 49367 then how is 'MALE' written in that code?

(a) 8217 (b) 6395

(c) 6159 (d) 6285

RRB JE - 31/09/2019 (Shift-I)

Ans. (a) : Just as, P → 8, L → 1, A → 2, Y → 5

And, R → 4, H → 9, Y → 3, M → 6, E → 7

Similarly MALE → 6217

80. In a certain code language if KAT = 40, CHAT = 33 then KEY HN = ?

(a) 60 (b) 38

(c) 87 (d) 24

RRB JE - 25/05/2019 (Shift-I)

Ans. (b): Just as,

R A T

↓ ↓ ↓

18 × 1 = 20 × 10, 20 × 1 = 40

And, C H A T

↓ ↓ ↓ ↓

3 × 8 × 1 × 20 = 32, 32 × 1 = 32

Similarly,

R E T C R N

↓ ↓ ↓ ↓ ↓ ↓

18 × 5 × 20 × 3 × 18 × 14 = 90, 90 × 1 = 87

81. In a certain code language, if 'EXAMINATION' is coded as 8912456594 then how is 'NOTE' written in that code?

(a) NATION (b) STATION

(c) NOTION (d) RATION

IBPS SO 26.09.2019 Shift - II

Ans. (c):

E X A M I N A T I O N

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

8 9 1 2 3 4 4 5 5 9 4

According to the above code,

N O T I O N

↓ ↓ ↓ ↓ ↓ ↓

N O T I O N

Hence, option (c) will be the correct answer.

82. If D = 4 and COVER = 41 then BARS = ?

(a) 40 (b) 60

(c) 70 (d) 50

RRB JE - 02.06.2019 (Shift-II)

Ans. (d): Just as,

D = 4

C O V E R

↓ ↓ ↓ ↓ ↓

And, 3 × 15 × 22 × 5 × 18 = 41

Similarly,

B A R S

↓ ↓ ↓ ↓ ↓

2 × 1 × 18 × 9 × 19 = 50

83. In a certain code language, if EGKPT is coded as 15789 and AEUR is coded as 2346, then 23949 will be coded as?

(a) AEUTY (b) AEUTT

(c) AEURT (d) AEUTC

RRB JE - 02.06.2019 (Shift-II)

Ans. (a): Just as,

E = 1, G = 3, K = 5, P = 8, T = 9

A = 2, E = 3, U = 4, R = 6

Similarly,

23949 = AEUTY

84. If ENGLAND is coded as 1234526 and FRANCE is coded as 789351, then GREECE will be coded as?

(a) 581791 (b) 581771

(c) 581191 (d) 581691

RRB JE - 29.06.2019 (Shift-II)

Ans. (c): Just as,

E = 1, N = 2, G = 3, L = 4, A = 5, D = 6

F = 7, R = 8, C = 9

Hence, GREECE = 581191

85. If PAEL is coded as 2134 and EARTH is coded as 41890 then PEARL will be coded as?

(a) 24153 (b) 25431

(c) 29130 (d) 25430

RRB JE - 24/05/2019 (Shift-III)

Ans. (a): Just as,

P A E L And E A R T H

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

2 1 3 4 4 1 8 9 0 5 6

Similarly,

PEARL

↓ ↓ ↓ ↓ ↓

2 4 1 3 5

Hence, PEARL will be written as 24153.

Type - 2

86. In a certain code language, 'FRAME' is written as 'HPCKG' and 'PLACE' is written as 'RCCaZ'. How will 'BOROW' be written in that language?

(a) CPPMO (b) DPQOO

(c) DPQOO (d) APQMO

RRB Group-D 11.10.2022 (Shift-III)

Ans. (b): Just as, and,

F R A M E P L A C E

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

H P C K G R C C a Z

Similarly,

B O R O W

↓ ↓ ↓ ↓ ↓

D P Q M O

Hence, BOROW is coded as DPQMO.

87. In a certain code language, 'DRIVE' is written as 'PEFW' and 'CRUW' is written as 'MNAV'. How will 'MYNA' be written in that language?

(a) ZNBO (b) ZNOB

(c) ZMBO (d) ZNOM

RRB Group-D 24-09-2022 (Shift-II)

Ans. (a): Just as

D R I V E and C R U W

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

P E F W M N A V

Similarly,

M Y N A

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

Z N B O

Hence, MYNA is coded as ZNBO.

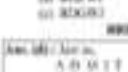
88. In a certain code language, 'ADMIT' is written as 'BEPMT' and 'ACTOR' is written as 'BEWNV'. How will 'ABUNE' be written in that language?

(a) BEZNU (b) BEVNU

(c) BDGNU (d) BEYNU

BIBB Group-D 12-09-2022 (Shift-I)

Ans. (d) : Just as,



and,

Similarly,

89. In a certain code language 'NATURE' is written as 'QSWSLC' and 'REASON' is written as 'UCTQRL'. How will 'LOTION' be written in that language?

(a) ONPIQL (b) OLNIQL

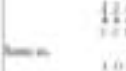
(c) MNPIQL (d) MNQVLL

BIBB Group-D 29-08-2022 (Shift-III)

Ans. (a) : Just as,

and,

Same as,



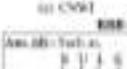
90. In a certain code language, 'BULK' is written as 'CNOU' and 'PINK' is written as 'QKJP'. How will 'BLLU' be written in that language?

(a) CNJU (b) CNIU

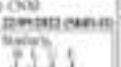
(c) CNKI (d) CNJI

BIBB Group-D- 22-09-2022 (Shift-II)

Ans. (d) : Just as,



Similarly,



and,

Hence, '?' = CNJI

91. In a certain code language, 'ANGRY' is coded as 'CKIDA' and 'TRINK' is coded as 'VTKKM'. How will 'CHOWN' be coded in that language ?

(a) DOQTP (b) TOQUP

(c) FPRUQ (d) DPRTQ

BIBB Group-D- 06/10/2022 (Shift-I)

Ans.(d) : Just as,

Same as,

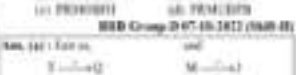
92. In a certain code language, 'TEMPLE' is written as 'QBEMIF' and 'SUPREME' is written as 'ORPTRIF'. How will 'SUPREME' be written in the same code language?

(a) PXMUDFB (b) PEMUDIB

(c) PEMUDFB (d) PEMUDFD

BIBB Group-D 07-10-2022 (Shift-II)

Ans. (a) : Just as, and



Same as,

Hence, 'SUPREME will be written as PXMUDFB.

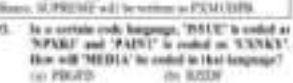
93. In a certain code language, 'DSUE' is coded as 'NPXRI' and 'PAIN?' is coded as 'XXNKS'. How will 'MEDIA' be coded in that language?

(a) PRGFD (b) RZZIF

(c) PZLDD (d) RXEFF

BIBB Group-D 07-10-2022 (Shift-II)

Ans. (d) : Just as,



And,

P	A	I	N	T
+5↓	-1↓	+5↓	-1↓	+5↓
U	Y	N	K	Y

Similarly,

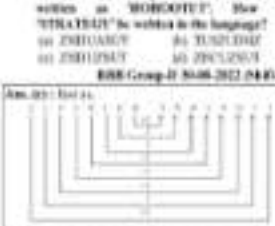
M	E	D	I	A
+5↓	-1↓	+5↓	-1↓	+5↓
R	B	I	F	F

95. In a certain code language, 'SUPERIOR' is written as 'VSRIMQTT' and 'STUNNING' is written as 'HORGOTUT'. How will 'STRATEGY' be written in the language?

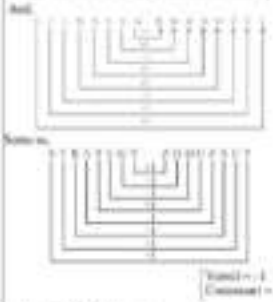
(a) ZSBTOAIGV (b) TUSZUDIHZ
(c) ZSBTUPIAT (d) ZSCVUZSGV

BBR Group-D 30-08-2022 (Shift-III)

Ans. (b) : first we,



Same as,



Hence, option (c) is correct.

96. In a certain code language, 'PURPLE' is written as 'VQQRTF' and 'YELLOW' is written as 'EZMMNF'. How will 'VIOLET' be written in the same code language?

(a) JWMPUF (b) IMWPEU
(c) AMTUPW (d) TMPWUF

BBR Group-D 27-09-2022 (Shift-II)

Ans. (a) : first we,

And

Similarly,

97. In a certain code language, 'MODEL' is coded as 'SIOWD' and 'MODEL' is coded as 'RIZDH'. How will 'VIAAN' be coded in that language?

(a) VIOVP (b) FIZVV
(c) FIZOV (d) VIOVP

BBR Group-D 27-09-2022 (Shift-II)

Ans. (a) : first we,

And,

Similarly,

98. In a certain code language, 'PUNCH' is written as 'OSVMIU' and 'SHAWL' is written as 'RIZYK'. How will 'KARMA' be written in the language?

(a) JIQOZ (b) KZQPZ
(c) KQOZ (d) KZQPY

BBR Group-D 30-08-2022 (Shift-I)

Ans. (c) : first we,

And,

Similarly,

99. In a certain code language, 'RAPID' is written as 'ARPID' and 'LOCAL' is written as 'OLCLA'. How will 'NEVER' be written in that language?

(a) EVNER (b) ENVER
(c) ENEVR (d) EVNER

BBR Group-D 14-09-2022 (Shift-I)

Ans. (d) : first we,

And,

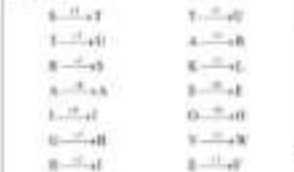
Same as,

99. In a certain code language, 'STRAIGHT' is written as 'TUSABHU' and 'TAKEOVER' is written as 'UBLEOWFV'. How will 'TENDENCY' be written in that language?

(a) UPDEDEDZ (b) UPDEDEDZ
(c) UPDEDEDZ (d) UPDEDEDZ

RRB Group-D 14-09-2022 (Shift-I)

Ans. (a) : First as,



Same as,

Hence, option (a) is correct.

100. In a certain code language, 'BOY' is written as 'ACNPXZ' and 'TOY' is written as 'SUNPXZ'. How will 'BOY' be written in the code language?

(a) BXZNP (b) BNPXZ
(c) XZNPB (d) ZXPNBX

Ans. (b) : First as,

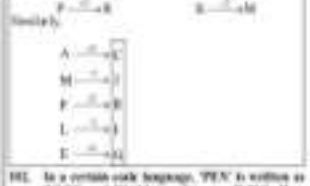
Similarly,

101. In a certain code language, 'TRAMP' is written as 'VHCJR' and 'BLANK' is written as 'BKCKM' How will 'AMPLE' be written in the language?

(a) BNPFJ (b) CBBIJ
(c) DEIJK (d) CBBIJ

RRB Group-D 20-09-2022 (Shift-III)

Ans. (b) : First as,



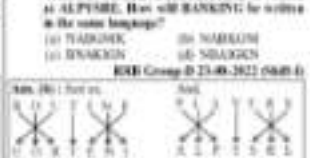
Similarly,

102. In a certain code language, 'PEN' is written as 'KVM' and 'CAN' is written as 'XZM'. How will 'GUN' be written in that code language?

(a) FMT (b) TMT
(c) TFM (d) TDM

RRB Group-D 20-09-2022 (Shift-III)

Ans. (c) : First as,



Similarly,

103. In a certain code language, 'ROUTINE' is written as UTHEUN and PLAYERS is written as ALPYSRE. How will BANKING be written in the same language?

(a) NABGNK (b) NABGGN
(c) BNAKGN (d) NBAGKN

RRB Group-D 23-09-2022 (Shift-I)

Ans. (b) : First as,

Same as,

104. In a certain code language, MONDAY is written as ZBEOPN and MARCH is written as IBHRN. How will APRIL be written in the same language?

(a) ZKAWC (b) MPAJR
(c) MNWR (d) MKAVB

RRB Group-D 23-09-2022 (Shift-II)

Ans. (b) : Just as,

N → S	Z
O → P	B
N → Q	Y
D → L	O
A → B	P
Y → Z	N

And,

M → N	I
A → B	D
E → S	N
C → D	H
R → I	N

Same as,

A → B	M
F → G	I
E → S	N
I → J	D
L → M	H

105. BYTEW is related to EWTEB following a certain logic. Following the same logic, AMEQC is related to QMECA. Which of the following is TILDW related to following the same logic?

(a) LTIWD (b) WILDT

(c) WLITD (d) WTLID

RRB NTPC (Stage-II) – 12/06/2022 Shift-I

Ans. (d) : Just as,

BYTEW → EWTEB

And,

AMEQC → QMECA

Similarly,

TILDW → WTLID

Note:- Alphabets are arranged in descending order.

106. In a certain code language, 'MISTAKE' is written as 'LHRUSLF' and 'PROBLEM' is written as 'OQNCMEN', How will 'STRANGE' be written in the language?

(a) TUSBOFD (b) RSQBONF

(c) RSQBOFD (d) TUSBONF

RRB NTPC (Stage-II) – 12/06/2022 Shift-I

Ans. (b) : Just as,

M → L	F → G
I → H	R → Q
S → R	O → N
T → U	B → C
A → B	L → M
K → L	E → F
E → F	M → N

Same as,

S → R	R
T → U	S
R → Q	Q
A → B	B
N → O	O
G → H	H
E → F	F

107. In a certain code language, 'COUSIN' is written as 'DXBSNC' and 'AUNTY' is written as 'EAYTN' How will 'UNCLE' be written in that language?

(a) CNEUE (b) CNEUL

(c) UENLC (d) UNEUC

RRB NTPC (Stage-II) – 12/06/2022 Shift-II

Ans. (c) : Just as,

COUSIN → DXBSNC

And,

AUNTY → EAYTN

Same as,

UNCLE → UENLC

Note: In the given code first vowel then the consonant are ordered in descending order on the basis of their place in alphabet.

108. In a certain code language, 'STEM' is written as 'VXHQ' and 'ROOT' is written as 'USRN'. How will 'SEED' be written in that language?

(a) VIGH (b) VIHG

(c) UIHG (d) UIGG

RRB NTPC (Stage-II) – 12/06/2022 Shift-I

Ans. (b) : Just as,

S T E M

↓+3 ↓+4 ↓+3 ↓+4

V X H Q

And,

R O O T

↓+3 ↓+4 ↓+3 ↓+4

U S R X

Same as,

S E E D

↓+3 ↓+4 ↓+3 ↓+4

V	I	H	G

Hence, option (b) is correct.

109. In a certain code language, 'NOODA' is written as 'KNIIF' and 'GZIA' is written as 'LTF'. How will 'MEERUT' be written in that language?

(a) MFVZY (b) RUWZZ

(c) WZYRO (d) RUWZY

RRB NTPC (Stage-II) – 12/06/2022 Shift-II

Ans. (d) : Just as,

N O O D A

↓+3 ↓+3 ↓+3 ↓+3 ↓+3

K L I I F

And,

G Z A

↓+3 ↓+3 ↓+3

L T F

Same as,

M E E R U T

↓+3 ↓+3 ↓+3 ↓+3 ↓+3 ↓+3

R	U	W	Z	Z	Y

Hence, option (d) is correct.

110. In a certain code language, 'BREAK' is coded as '35' and 'MALT' is coded as '45'. How will 'TRIM' be coded in that language?

(a) 75 (b) 65

(c) 55 (d) 60

RRB NTPC (Stage-II) - 13/06/2022 (Shift-I)

Ans. (c) : Let us,

B R E A K = 35

6 + 18 + 1 + 5 + 5 = 36 - 1 = 35

And

M A L T = 45

13 + 1 + 12 + 20 = 46 - 1 = 45

Same as,

T R I M = ?

20 + 18 + 9 + 13 = 60 - 1 = 55

Note: 1 has been subtracted by adding the place value of the given letters.

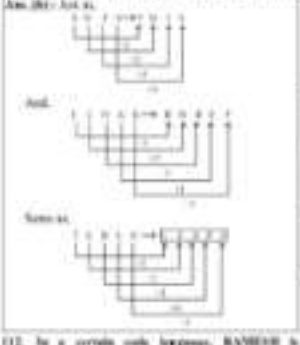
111. In a certain code language, SOFA is written as 7QIE and CLOAK is written as 5NREP. How will TABLE be written in that language?

(a) 1XUP1 (b) 1XUPP

(c) 1XUP0 (d) 1XUQP

RRB NTPC (Stage-II) - 13/06/2022 (Shift-II)

Ans. (b) : Let us,



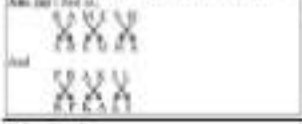
112. In a certain code language, RAMESH is written as ARENSH and PHARIL is written as 'RPKALF'. How will BISHEPAL be written in that language?

(a) BOSHPLA (b) BILAPSH

(c) ALPSHBI (d) BISHPLA

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (a) : Let us,



Same as,

113. In a certain code language, 'ABSENCE' is written 'BSWVZQNH' and 'SERVICE' is written as 'VZLQLXSH'. How will 'CONSENT' be written in that language?

(a) FQMHBSQ (b) EPMHBSQ

(c) EPNGQPR (d) FQNHBTR

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (d) : Let us,

Same as,

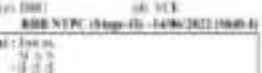
114. In a certain code language MAN is written as 9CP and GEM is written as 3GH. How will CAT be written in that language?

(a) 5EV (b) 7AC

(c) DHI (d) VCE

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (a) : Let us,



Same as,

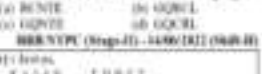
115. In a certain code language, RAJAN is written as TBNFT and STRAW is written as UWVEC. How will ENJOY be written in that language?

(a) BCNTE (b) GQBCL

(c) GQNTE (d) GQCBL

RRB NTPC (Stage-II) - 14/06/2022 (Shift-II)

Ans. (c) : Let us,



Same as,

116. 'BELATED' is related to 'TLEEBDA' and 'STOREY' is related to 'YTSROE' in the same way as 'BOUBBLE' is related to '_____'.

(a) OULEDIC (b) ULLEDIO

(c) UULEDIC (d) UOLEDIO

IBPS NTPC (Stage-II) – 14/06/2022 (S&H-II)

Ans. (d) : Just as,

B E L A T E D T L E E D B A

1 5 12 1 20 5 4 $\xrightarrow{\text{rev}}$ 20 12 5 5 4 2 1

And,

S T O R E Y Y T S R O E

19 20 15 18 5 25 $\xrightarrow{\text{rev}}$ 25 20 19 18 15 5

Same as,

B O U B B L E U O L E D B O

4 15 21 2 2 12 5 $\xrightarrow{\text{rev}}$ 21 15 12 5 4 2 5

Note – In the given questions, words have been arranged in descending order of their alphabetical order.

117. In a certain code language, 'MAIDEN' is written as 'ADEIMN', and 'SILVER' is written as 'EILRSV'. How will 'MAGNET' be written in that language?

(a) AEGMNT (b) EAGNMT

(c) EAGATN (d) AGENMT

IBPS NTPC (Stage-II) – 14/06/2022 (S&H-II)

Ans. (a) : Just as,

M A I D E N $\longrightarrow$ A D E I M N

13 1 9 4 5 14 $\qquad$ 1 4 5 9 13 14

And,

S I L V E R $\longrightarrow$ E I L R S V

19 9 12 22 5 18 $\qquad$ 5 9 12 18 19 22

Same as,

M A G N E T $\longrightarrow$ A E G M N T

13 1 7 14 5 20 $\qquad$ 1 5 7 13 14 20

Hence, A - AEGMNT

Note: In the given questions, words have been arranged in order of their alphabetical order.

118. In a certain code language, 'MONTH' is written as 'OMPRT' and 'MARCH' is written as 'ANTHC'. How will 'APRIL' be written in that language?

(a) BAFLE (b) PABLI

(c) PATLI (d) PABIL

IBPS NTPC (Stage-II) – 16/06/2022 (S&H-II)

Ans. (c) : Just as, $\qquad$ And,

M O N T H $\qquad$ M A R C H

$\times$ + $\div$ $\qquad$ $\times$ + $\div$

O M P R T $\qquad$ A N T H C

Same as,

Hence, option (c) is correct.

119. In a certain code language, 'MOMENTUM' is written as 'EMOMNTUM', and 'EQUATION' is written as 'AEQUIOTN'. How will 'MAGNETIC' be written in that language?

(a) NGMAETIC (b) NGAMETIC

(c) NGAMECTI (d) NGAMETIC

IBPS NTPC (Stage-II) – 16/06/2022 (S&H-II)

Ans. (d) : Just as,

M O M E N T U M $\longrightarrow$ E M O M N T U M

1 3 1 4 1 4 7 8 $\qquad$ 4 1 3 1 1 4 7 8

And,

E Q U A T I O N $\longrightarrow$ A E Q U I O T N

1 3 1 4 1 4 7 8 $\qquad$ 1 3 1 1 4 7 8

Same as,

M A G N E T I C $\longrightarrow$ N G A M E T I C

1 3 1 4 1 4 7 8 $\qquad$ 1 3 1 1 4 7 8

120. In a certain coding language, MORE is written as LNQD and STOP is written as RNNO. How will TOY be written in that language?

(a) SNX (b) PTU

(c) SNN (d) SNS

IBPS NTPC (Stage-II) – 17/06/2022 (S&H-I)

Ans. (a) : Just as,

M O R E

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

L N Q D

And

S T O P

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

R N N O

Same as,

T O Y

$\downarrow$ $\downarrow$ $\downarrow$

$\boxed{S \quad N \quad X}$

Hence, option (a) is correct.

121. In a certain code language, 'CUP' is coded as 'BAD' and 'BAN' is coded as 'NUM'. How will 'BAD' be coded in that language?

(a) CDD (b) CEE

(c) CEC (d) CDC

IBPS NTPC (Stage-II) – 17/06/2022 (S&H-I)

Ans. (c) : Just as,

C $\xrightarrow{+1}$ D

U $\xrightarrow{\text{Reverse}}$ A

P $\xrightarrow{+1}$ Q

And

B $\xrightarrow{+1}$ C

A $\xrightarrow{\text{Reverse}}$ Z

N $\xrightarrow{+1}$ M

Same as,

B $\xrightarrow{\quad}$ C

A $\xrightarrow{\text{DECODE}}$ E

D $\xrightarrow{\quad}$ C

Hence, the correct answer is CEC

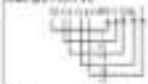
122. In a certain code language, 'MANGO' is written as 'NCQKT', and 'APPLE' is written as 'BBMFS'. How will 'PEARS' be written in that language?

(a) QGDVW (b) QIDVT

(c) QGDVS (d) QGDUW

BRB NTPC (Stage-II) - 17/06/2022 (Shift-II)

Ans. (a) : first as,



And,

Same as,

123. In a certain code language BUT is written as DWV and LOW is written as NQY. How will CUP be written in that language?

(a) FUC (b) EWN

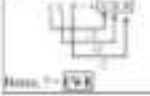
(c) UCF (d) RWE

BRB NTPC (Stage-II) - 17/06/2022 (Shift-II)

Ans. (b) : first as,

And,

Same as,



Hence, ? = EWE

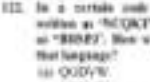
124. In a certain code language, 'BLISS' is coded as 'MASTR' and 'JAPAN' is coded as 'RIPIJ'. How will 'GLORE' be coded in that language?

(a) MPACD (b) MPODA

(c) MPORA (d) MPOCD

BRB NTPC (Stage-II)--17/06/2022 (Shift-II)

Ans. (c) : first as,



And,

Same as,

Hence, GLORE be coded as MPORA

125. If in a code language, 'BOME' is written as 'LRUP' and 'YYU' is written as 'HAF' and 'MF' is written as 'UP', how will 'MOUM' be written in that language?

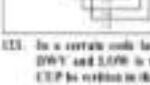
(a) MMOLF (b) LXOLP

(c) MMOLP (d) LQOLP

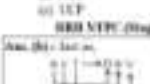
BRB NTPC (Stage-II) - 17/06/2022 (Shift-II)

Ans. (c) : first as,

And,



Same as,



126. In a certain code language, 'COCK' is written as 'EQEM' and 'DUCK' is written as 'FWEM'. How will 'WAAV' be written in that language?

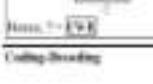
(a) VYDP (b) UVCP

(c) VXCQ (d) UXDP

BRB NTPC (Stage-II) - 19/06/2022 (Shift-I)

Ans. (b) : first as,

And



Same as,

Hence, DWAN → UYCF

117. In a certain code language, if 'NEWDIN' is written as 'LUCEKL', and 'PASCAL' is written as 'JVGWVN', how will 'TESLA' be written in that language?

(a) FUGHS (b) FUGSV

(c) FTFMA (d) FUFMV

IBPS NTPC (Stage-II) –15/06/2022 (Shift-III)

Ans. (b) | Are as,

(Opposite letter – 1)

And,

(Opposite letter – 1)

Same as,

(Opposite letter – 1)

118. In a certain code language, 'RACE' is written as 'WFRJ' and 'TRAP' is written as 'YWFU'. How will 'THOM' be written in that language?

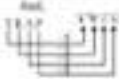
(a) EWTR (b) LSUN

(c) EXTS (d) LWUR

IBPS NTPC (Stage-II) –15/06/2022 (Shift-III)

Ans. (a) | And as,

And,



Same as,

Hence, option (a) is correct.

119. In a certain code language, 'FEATURE' is written as 'ZIUXGVV' and 'CONSULT' is written as 'WMHNOFN'. How will 'PRIOMSE' be written in that language ?

(a) JVQCWV (b) IUPVVV

(c) IUHPVX (d) IVIQHNX

IBPS NTPC (Stage-II) – 16/06/2022 (Shift-I)

Ans. (a) | And as,

And,

Same as,

120. In a certain code language, 'ACHIEVE' is written as 'XIHENRAB' and 'NUMBERS' is written as 'KZGJDWP'. How will 'CAPTAIN' be written in that language?

(a) ZINPCXM (b) YHLAKTV

(c) YHLYWNJ (d) ZINMAXM

IBPS NTPC (Stage-II) – 16/06/2022 (Shift-I)

Ans. (a) | And as,

And,

Same as,

121. In a certain code language, 'BOSHK' is written as 'GHVRL' and 'FGLRE' is written as 'KKOTV'. How will 'EUPET' be written in that language ?

(a) JPTIU (b) JPSIV

(c) JPSIU (d) JPTIV

IBPS Group-D– 06/07/2022 (Shift-II)

Ans. (c) | And as,

And,

Same as,

Hence, option (c) is correct answer.

122. In a certain code language, 'BLISS' is written as 'KNNVT' and 'LIGHT' is written as 'UPLKE'. How will 'WRITE' be written in that language ?

(a) IGIHW (b) IONVF

(c) IONWF (d) IONWG

IBPS Group-D– 09/09/2022 (Shift-II)

Ans. (c) | Each as,

And

Same as,

Hence, option (c) is correct answer.

133. In a certain code language, 'JUPITER' is written as 'KSSEYYV' and 'URANUS' is written as 'VPSGEM'. How will 'EARTH' be written in the same code language ?

(a) FYUXM (b) FUUPM
(c) FYUPM (d) FYUPM

RRB Group-D– 09/09/2022 (Shift-II)

Ans. (c) : Such as,

And,

Similarly,

Hence, it is clear that option (c) is correct.

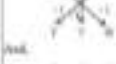
134. In a certain code language, '4000 RED' is written as 'TIBUEPV' and 'BENEFIT' is written as 'OFCEUIG'. How will 'CABINET' be written in that language?

(a) DBCIEFU (b) CBDIEFU
(c) CBIEFUU (d) CBDIEFU

RRB Group-D– 29/08/2022 (Shift-III)

Ans.(b) : Such as,

And,



Same as,

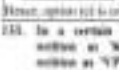
135. If in a code language, THINE is written as 6GBMD and ISLAND is written as 8HKJNC, how will BUNAMIC be written in that language ?

(a) TVERDUN (b) JUNGFHD
(c) CNMJUHB (d) EINDMKT

RRB Group-D– 08/09/2022 (Shift-II)

Ans. (c) : Such as,

And,



Similarly,

Hence, option (c) is correct answer.

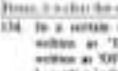
136. In a certain code language, 'ARMOR' is written as 'CYMRT' and 'ISLAND' is written as 'IPCBF'. How will 'FARMS' be written in that language?

(a) HCTQS (b) HFTRU
(c) HSTPU (d) HSQTU

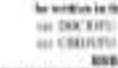
RRB Group-D– 26/08/2022 (Shift-I)

Ans. (a) : Such as,

And,



Similarly,



Hence, option (a) is correct answer.

137. In a certain code language, 'SOLVE' is coded as 'QRJVC' and 'FENCE' is coded as 'DHLJV', then will 'TASTE' is coded in that language?

(a) VDUWG (b) RMQJE
(c) RDQWC (d) VNUQG

RRB Group-D– 24/08/2022 (Shift-III)

Ans. (c) : Such as

And

Same as

Hence, option (c) is correct answer.

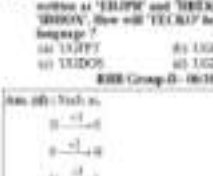
138. In a certain code language, 'HOPMG' is written as 'LNPMH' and 'PRUCE' is written as 'SPRAD'. How will 'FROCK' be written in that language ?

(a) FNPAJ (b) FMPAL
(c) FPNAJ (d) FMPAK

RRB Group-D- 06/10/2022 (Shift-II)

Ans. (c) : Such as

And



Similarly

139. In a certain code language, 'HOGLM' is written as 'EIJPW' and 'HRUKS' is written as 'HRIOV'. How will 'TECRLF' be written in that language ?

(a) UGJPT (b) UGEOS
(c) UGDOS (d) UGFOT

RRB Group-D- 06/10/2022 (Shift-II)

Ans. (d) : Such as

And

Similarly

140. HARKED is related to HATRUK in a certain way. In the same way, HACAL is related to CABLAI. To which of the following NIMBLE related, following the same logic?

(a) MNGLEB (b) NIAELB
(c) MNEILB (d) NIMLEB

RRB Group-D- 03/09/2022 (Shift-III)

Ans. (c) : Such as

And

Similarly

141. In a certain code language, 'TONE' is written as 'UPNC' and 'FIRE' is written as 'HQQC'. How will 'CITY' be written in that language?

(a) DJVW (b) DJWX
(c) DHPU (d) EJUZ

RRB Group-D- 26/08/2022 (Shift-II)

Ans. (a) : Such as

And

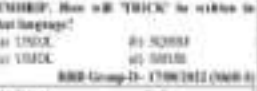
Same as,

142. In a certain code language, 'MIRUF' is written as 'LEASE' and 'UNDIE' is written as 'TMHRP'. How will 'TRICK' be written in that language?

(a) USDJL (b) SQHSM
(c) VSEJK (d) SHUSR

RRB Group-D- 17/09/2022 (Shift-I)

Ans. (b) : Just as,



And,

Same as,

143. In a certain code language, 'HOTEL' is coded as 'DQNGH' and 'BANKS' is coded as 'SCAMO'. How will 'LOGIC' be coded in that language?

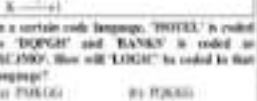
(a) PMKGG (b) PJKGG
(c) SGCKY (d) PMGGV

RRB Group-D- 26/09/2022 (Shift-I)

Ans.(c) : Just as

And,

Similarly,

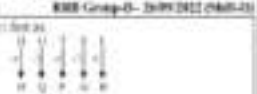


144. In a certain code language, 'MERGE' is written as 'NRVNN' and 'HEAVY' is written as 'IBFCB'. How will 'MORAL' be written in that language?

(a) LPRCB (b) NLDBE
(c) LDYTB (d) NRWZN

RRB Group-D- 13/09/2022 (Shift-I)

Ans. (d) : Just as



Similarly,

Hence, the code of MORAL is NRWZN.

145. In a certain code language, 'AFPQN' is written as 'UTIVR' and 'BLNDG' is written as 'FORIM'. How will 'UNAGB' be written in that language?

(a) NQKLQ (b) QNEDL
(c) NQDQK (d) NQELQ

RRB Group-D- 01/09/2022 (Shift-II)

Ans. (d) : Just as, And, Similarly,

146. In a certain code language, 'EDGOT' is written as 'FUIWV' and 'SKELP' is written as 'TNHPU'. How will 'KUMEA' be written in that language?

(a) LGNLF (b) LGFVL
(c) LGLVE (d) GLVEL

RRB Group-D- 01/09/2022 (Shift-I)

Ans. (a) : Just as, And,

Similarly,

147. In a certain code language, 'TONE' is written as 'VPNC' and 'FIRE' is written as 'HJQC'. How will 'CITY' be written in that language?

(a) EGRX (b) EGLZ
(c) EBPU (d) EZSN

RRB Group-D- 26/09/2022 (Shift-II)

Ans.(d) : Just as, And,

Similarly,

Hence CITY will be written as EZSN.

148. In a certain code language, 'MATCH' is written as 'NEVJQ' and 'SKEUL' is written as 'TNJSU'. How will 'CHAMP' be written in that language?

(a) ELFTY (b) DKFTV

(c) DFFTZ (d) EFFTZ

RRB Group-D 11-09-2022 (Shift-II)

Ans. (b) : Into as,

And,

Same as,

149. In a certain code language, 'CREAM' is written as 'FUVEQ' and 'STOVE' is written as 'VWLZP'. How will 'PITCH' be written in that language?

(a) SLNGL (b) SLKGL

(c) TLMGF (d) TMGFR

RRB Group-D 30-08-2022 (Shift-II)

Ans. (b) : Into as, And,

Similarly,

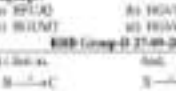
150. In a certain code language, 'BFKMS' is written as 'CIMQU' and 'SLAFL' is written as 'UNGKQ'. How will 'LEMIO' be written in that language?

(a) HFUJQ (b) HGAMI

(c) HGUMI (d) HGAOS

RRB Group-D 27-09-2022 (Shift-III)

Ans. (b) : Into as, And,



Same as,

151. In a certain code language, 'LIST' is written as 'NKUV' and 'PACK' is written as 'RCEM'. How will 'PLANT' be written in the language?

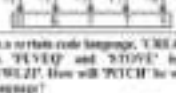
(a) RMUOV (b) ONDHR

(c) RNCPV (d) QMDOU

RRB Group-D 28-09-2022 (Shift-II)

Ans. (c) : Into as, And,

Similarly,



152. In a certain code language, 'SMART' is written as 'VKDPW' and 'FRAUD' is written as 'IPDAG'. How will 'PURGE' be written in that language?

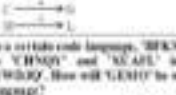
(a) QTMFF (b) RWTIG

(c) RSTIG (d) SUEIH

RRB Group-D 29-09-2022 (Shift-I)

Ans. (d) : Into as, And,

Same as,



153. In a certain code language, 'QUILT' is written as '8XJOU' and 'BLEAK' is written as 'COFBL'. How will 'CHAIR' be written in that language?

(a) DKBLS (b) DSBKT
(c) DKBLS (d) DKLLT

RRB Group-D 29-09-2022 (Shift-1)

Ans. (a) : Such as,

154. In a certain code language, if 'KANPUR' is written as 'LZMOVQ', then how will 'LUCKNOW' be written as in that code language?

(a) MTDHONX (b) MDTEKON
(c) MTDNEOP (d) MDTNONU

RRB NTPC 08.01.2021 (Shift-II) Stage-Ist

Ans. (a) : See as,

155. If 'SKIRT' is coded as 'MECLN', how will 'BLOUSE' be written using the same coding language?

(a) VFTMOY (b) VFOMTY
(c) VFCMY (d) VFMOTY

RRB NTPC 27.02.2021 (Shift-I) Stage-Ist

Ans. (a) : See as,

156. If in a certain code language REWARI is coded as TGYUTK, then how is DELHI coded in the same code language?

(a) FIUJK (b) FJUJK
(c) FIJJK (d) FJMJK

RRB NTPC 06.01.2021 (Shift-I) Stage-Ist

Ans. (b) : See as,

157. In a certain code language CRUDE is written as BSTEE, then is 'MOST' written that language?

(a) LPNTS (b) NNLRU
(c) NPTTU (d) LNRRS

RRB NTPC 05.01.2021 (Shift-I) Stage-Ist

Ans. (a) : See as,

158. In a certain code language, 'BREAK' is written as 'FZVFT'. What is the code for 'CASPTL' in that code language?

(a) PMGUVX (b) OMGUVX
(c) PGKUVX (d) OGKUVX

RRB NTPC 11.01.2021 (Shift-I) Stage-Ist

Ans. (d) : See as,

159. In a certain code language, BANY is written as CYFOT, then will HOME be written in that language?

(a) PMKN (b) QMKN
(c) QMPA (d) SPST

RRB NTPC 06.01.2021 (Shift-I) Stage-Ist

Ans. (b) : Just as,

Similarly,

Hence, code language of BIND will be QMPA.

168. In a certain code, DQHIJDOQJDOJ is written as OHQDOQJHOQJI. How will EFKFKEKEFFEK be written in that code?

(a) XEKEFFEKEFKF (b) FKEKEFFEKEFK
(c) EFKEKEFFEKEF (d) EFKFKEKEFFEK

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,

Same as,

Hence,

E F K F K E K E F F E K

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

1 2 3 4 5 6 7 8 9 10 11 12

F K E K E F F E K E F K

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

4 5 6 7 8 9 10 11 1 2 3

Hence,

E F K F K E K E F F E K → F K E K E F F E K E F K

169. In a certain code language, ALIGATOR is written as LAHOGETA. How will COMPUTER be written in that language?

(a) PMOCRETU (b) OCRETUPM
(c) OCPMTURE (d) RETUPMOC

RRB NTPC 06.04.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,

Same as,

170. In a certain code language LEADER is written as ELDARE, then how will FOUNTAIN be written in that code language?

(a) FONUATIN (b) FOUNTAIN
(c) OFNUATIN (d) OFUNATIN

RRB NTPC 28.12.2020 (Shift-II) Stage Ist

Ans. (c) :

Just as,

L E A D E R → E L D A R E

1 2 3 4 5 6 → 2 1 4 3 6 5

Similarly,

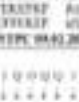
171. In a certain code language, ARDHMANYU is written as BAUPNROY. How will KARDPUTRA be written in that language?

(a) AKDNMNUAR (b) ADRMQYUNR
(c) AKMPRUTNR (d) ADRNAYUTAR

RRB NTPC 08.01.2021 (Shift-I) Stage Ist

Ans. (a) : Just as,

Similarly,



172. H ORG = M and U M = P, then find KDE = ?

(a) F (b) J
(c) H (d) K

RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (a) : Just as, And

H F G = M F C M = P

↓ ↓ ↓ ↓

8 + 7 = 15 3 + 13 = 16

Same as,

K D E = $\frac{11}{15}$

↓ ↓

8 + 7 = 9

Hence, KDE = J

173. In a certain code language, LOTUS is written as KPNVR. How will WATER be written in that code?

(a) VDSGR (b) VSFSQ
(c) UBFSQ (d) VBFSQ

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

L → K W → V
O → P A → B
T → S T → S
U → V E → F
S → R R → Q

So, WATER will be written as VBFSQ.

174. In a certain language SMILE is coded as HNROV, how will TEACH be coded in that language?

(a) GVZXS (b) GXZVX
(c) GXVXZ (d) GZVXX

RRB NTPC 29.01.2021 (Shift-I) Stage Ist

Ans. (a) : Just as

S M I L E

↓ ↓ ↓ ↓ ↓ Opposite letter

H N R O V

Similarly,

F D A C H

↓ ↓ ↓ ↓ ↓ Opposite letter

G V Z X S

167. In a certain code language, TEACHER is written as TFCFLJX. How will CATCHER be written as in that language?

(a) BUVTUSJ (b) CBVFLJX

(c) CBVFLJX (d) BUVFLJV

RRB NTPC 08.02.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,

Same as,

168. In a certain code language SPECTROSCOPY is written as DSPRCTUSVOP, how will EXTRAVAGANZA be written in that code language?

(a) BEXTGAVANNZA

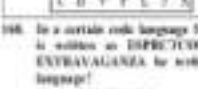
(b) TXEVARGAAAZN

(c) TEXVRAAMANZ

(d) TEXVRAAGAANZ

RRB NTPC 10.02.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,



Similarly,

169. In a certain coding language, 'CUMIN' is written as 'AVKJL' and 'QUEST' is writing as 'ESCTR'. How will 'ALIEN' be written as in that language?

(a) VMGFL (b) IHLLF

(c) UHFTB (d) VTFSE

RRB NTPC 03.03.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,

C ⟶ A G ⟶ E

U ⟶ V U ⟶ V

M ⟶ K Said E ⟶ C

I ⟶ J S ⟶ T

N ⟶ L T ⟶ R

Same as,

A ⟶ V

L ⟶ H

I ⟶ G

E ⟶ F

N ⟶ X

So, ALIEN → VHGFL

170. In a certain code language, MAHARAJA is written as JNUNEWWN. How will RAINBOW be coded as in that language?

(a) ENVAEQRC (b) ENVAQERC

(c) EVNAQERC (d) ENAVQERC

RRB NTPC 28.12.2020 (Shift-II) Stage Ist

Ans. (b) : Just as,

M ⟶ J

A ⟶ N

H ⟶ U

A ⟶ N

R ⟶ E

A ⟶ N

I ⟶ Q

A ⟶ M

Similarly,

R ⟶ E

A ⟶ N

I ⟶ V

N ⟶ A

B ⟶ Q

O ⟶ E

W ⟶ B

P ⟶ C

171. In a certain code language, 'NDRWCK' is written as 'GOLPTZ'. What is the code for 'MEMFRE' in that code language

(a) FOPWWK (b) FOPXXX

(c) FKHZZZ (d) FKHYYY

RRB NTPC 03.02.2021 (Shift-I) Stage Ist

Ans. (d) : Just as, In the same way,

N ⟶ G M ⟶ F

D ⟶ U P ⟶ K

R ⟶ O S ⟶ H

W ⟶ P Z ⟶ Y

C ⟶ T H ⟶ V

K ⟶ Z J ⟶ Y

172. In a certain code language, PROBLEM is written as POMLIBG. How will SPRINGS be written as in that language?

(a) SQPLJLM (b) SQLLJLS

(c) SQPLJLS (d) SQLLJLN

RRB NTPC 03.02.2021 (Shift-I) Stage Ist

Ans. (a) : First as, Next as,

P	$\xrightarrow{+10}$	F	S	$\xrightarrow{+10}$	X
R	$\xrightarrow{+11}$	S	P	$\xrightarrow{+11}$	Q
O	$\xrightarrow{-2}$	M	R	$\xrightarrow{-2}$	P
R	$\xrightarrow{+11}$	F	I	$\xrightarrow{+11}$	L
L	$\xrightarrow{-8}$	R	N	$\xrightarrow{-8}$	J
I	$\xrightarrow{+11}$	J	O	$\xrightarrow{+11}$	T
M	$\xrightarrow{-8}$	O	S	$\xrightarrow{-8}$	M

Hence, SPRING will be written as SQFLEM.

173. In a certain code language, POSITIVE is written as RQHWIGEG. How will NATIONAL will be written as in that language?

(a) MYGKLPZN (b) MUGKOCPL
(c) MUKGPLZN (d) MUGKLPCO

RRB NTPC 24/07/2021 (Shift-II) Stage 1st

Ans. (b) : First as, Next as,

P	$\xrightarrow{\text{Opposite letter}}$	K	N	$\xrightarrow{\text{Opposite letter}}$	M
O	$\xrightarrow{+2}$	Q	A	$\xrightarrow{+2}$	C
L	$\xrightarrow{\text{Opposite letter}}$	H	S	$\xrightarrow{\text{Opposite letter}}$	G
I	$\xrightarrow{+2}$	K	I	$\xrightarrow{+2}$	K
T	$\xrightarrow{\text{Opposite letter}}$	G	O	$\xrightarrow{\text{Opposite letter}}$	L
I	$\xrightarrow{+2}$	K	N	$\xrightarrow{+2}$	P
V	$\xrightarrow{\text{Opposite letter}}$	E	A	$\xrightarrow{\text{Opposite letter}}$	Z
E	$\xrightarrow{+2}$	G	L	$\xrightarrow{+2}$	N

Hence, NATIONAL will be written as MUGKLPZN in that language.

174. In a certain code language, IT TREE is SQDD, which of the below option will be CUSHIN?

(a) RTSGHM (b) RVQFNM
(c) DVTGFO (d) RTSGFM

RRB NTPC 22/01/2021 (Shift-II) Stage 1st

Ans. (d) : First as, Similarly,

T	$\xrightarrow{-1}$	S	C	$\xrightarrow{-1}$	B
R	$\xrightarrow{-1}$	Q	U	$\xrightarrow{-1}$	T
E	$\xrightarrow{-1}$	D	S	$\xrightarrow{-1}$	R
E	$\xrightarrow{-1}$	D	H	$\xrightarrow{-1}$	G
			I	$\xrightarrow{-1}$	H
			N	$\xrightarrow{-1}$	M
			S	$\xrightarrow{-1}$	R

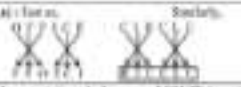
Hence, CUSHIN will written as RTSGHM

175. In a certain code language, DRIVE is written as FPORCL. How will CIRCLE be written as in that language?

(a) RCCLC (b) CELCR
(c) ELCRC (d) RCREL

RRB NTPC 09/02/2021 (Shift-I) Stage 1st

Ans. (a) : First as, Similarly,

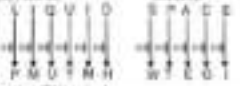


176. In a certain code language LIQUID is written as PSHUMH then how is SPACE written in that code?

(a) WTRGE (b) WTEUE
(c) TSGFW (d) WEKJH

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (b) : First as, Similarly,



Hence option (b) is correct.

177. In a certain code language LAME is written as JY&C then how is MINE written in that code?

(a) KIGC (b) KLGC
(c) KIOC (d) KGLC

RRB Group-D – 22/09/2018 (Shift-I)

Ans. (d) : First as, Similarly,

Hence, MINE = KGLC

178. In a certain code language BURN is written as UFIM then how is WOUND written in that code?

(a) DLPMD (b) DPPMN
(c) DLPMW (d) DNPMW

RRB Group-D – 03/10/2018 (Shift-I)

Ans. (c) : BURN = YFIM

Here we see that the letters are coded as opposite letter of the English alphabet.

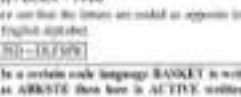
WOUND = DLPMW

179. In a certain code language BASKET is written as ABKSTE then how is ACTIVE written in that code?

(a) CAITEV (b) CAEVTU
(c) ACVET (d) TICVA

RRB Group-D – 03/10/2018 (Shift-III)

Ans. (a) : First as, Similarly,



180. In a certain code language TREE is written as UNEF then how is MANGO written in that code?

(a) NBOHP (b) OPUNG
(c) BNONC (d) NOPHB

RRB Group-D – 16/10/2018 (Shift-III)

Ans.(ii) : Just as, Similarly,

101. In a certain code language LIVE is written as OREV then how is DEAD written in that code?

(a) XVZN (b) UNZU

(c) UVZN (d) WVZW

RRB Group-D – 31/10/2018 (Shift-I)

Ans. (d) : Just as, LIVE is coded as their opposite letters and written as OREV. Similarly, when DEAD coded as opposite letters, we will get option (d) – WVZW

102. In a certain code language KIN is written as PRM then how is THREAD written in that code?

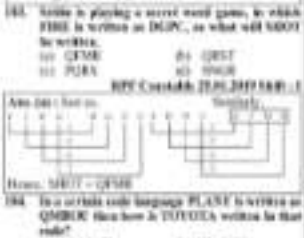
(a) SMUCW (b) UMVYW

(c) GIJVWZ (d) GIMXW

RRB Group-D – 31/10/2018 (Shift-I)

Ans. (d) : Just as,

Similarly,



103. Arshi is playing a secret word game, in which FIRE is written as DGPC, so what will SHOT be written.

(a) QFMR (b) QRST

(c) PURA (d) SNGR

RPF Constable 23.09.2019 Shift – I

Ans. (a) : Just as, Similarly,

Hence, SHOT = QFMR

104. In a certain code language PLANT is written as QMBEOU then how is TOYOTA written in that code?

(a) UPZPUB (b) UPZPU

(c) ZPUBPU (d) PUZUBP

RRB Group-D – 06/12/2018 (Shift-II)

Ans. (a) : Just as, Similarly,

105. In a certain code language LAWYER is written as NCYAGT then how is DOCTOR written in that code?

(a) FQVEQT (b) FQEVQT

(c) FQQEVT (d) FVQEQT

RRB Group-D – 06/12/2018 (Shift-I)

Ans. (b) : Just as, Similarly,

106. In a certain code language MADRAS is written as NBEBST then how is ANSAM written in that code?

(a) BTTBN (b) BTNTB

(c) BCBTN (d) BNNTB

RRB Group-D – 05/12/2018 (Shift-I)

Ans. (a) : Just as, Similarly,

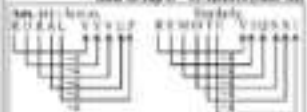
107. In a certain code language BURAL is written as VYVEP then how is REMOTE written in that code?

(a) VIQNS (b) VIQOS

(c) VIQMS (d) VIQOM

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (c) : Just as, Similarly,



108. In a certain code language ENOUGH is written as ONEBGU then how is EMCEN written in that code?

(a) CXEOE (b) CXEEG

(c) EMCCX (d) CXEEE

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (a) : Just as, Similarly,

109. In a certain code language MAT is written as TAM, BENT is written as TNEB then how is FENT written in that code?

(a) TNEF (b) FTES

(c) FBET (d) TEN

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (d) : Just as, Similarly,

Hence, FENT = TNEF

190. If INDIAN is coded as NAIDN, in the same way EXPERT can be coded as ——?

(a) TRIFXE (b) RDPUSE

(c) TRPEXE (d) TREPEX

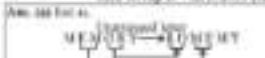
RRB Group-D – 27/11/2018 (Shift-I)

191. If MEMORY is coded as BONDUMY, in the same way as SCIENTIST can be coded as ——?

(a) SUNRUNUT (b) SITNUGIGE

(c) KSTIRET (d) TINTVIGE

RRB Group-D – 02/11/2018 (Shift-II)



192. If CLOCK is coded as BNPNH, in the same way as WHEEL can be coded as ——?

(a) RFFJU (b) NIKHJ

(c) JKVIF (d) VIEFK

RRB Group-D – 02/11/2018 (Shift-III)

193. If MATHEMATICS is coded as NBUIFNBUIBU, in the same way as ENGLISH can be coded as ——?

(a) GNOLJSH (b) FOMKIRG

(c) HSILLTN (d) HSILLNH

RRB Group-D – 12/11/2018 (Shift-III)

194. If KEEN is coded as PVVM , in the same way as PEAL can be coded as ——?

(a) KVZP (b) KVZO

(c) KVZN (d) KVZM

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (b) : Just as,

K	E	E	N			P	E	A	L
↓	↓	↓	↓			↓	↓	↓	↓
P	V	V	M			K	V	Z	O

Similarly,

Note: The given letters are coded with their opposite letters in the English alphabet.

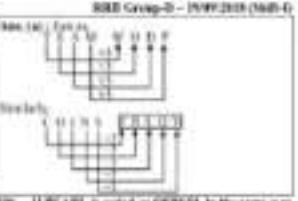
(Hence, option (b) is correct)

195. If TEAM is coded as WEDF, in the same way as CODES can be coded as ——?

(a) FRLJN (b) RVSJL

(c) FRLJZ (d) QFPTU

RRB Group-D – 19/09/2018 (Shift-I)

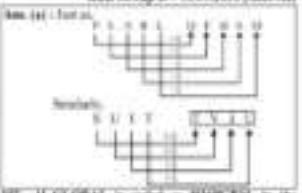


196. If PEARL is coded as QFBSM, in the same way as SUIT can be coded as ——?

(a) TVJU (b) TVIV

(c) TVJV (d) TWJU

RRB Group-D – 18/09/2018 (Shift-III)

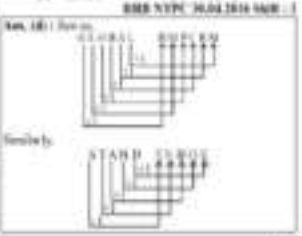


197. If GLOBAL is coded as HMPCBM, in the same way as STAND can be coded as ——?

(a) TUBEO (b) TBONE

(c) TBUEO (d) TUBOE

RRB NTPC 30.04.2016 Shift – I



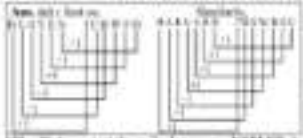
198. If in a certain language, HEAVEN is coded as IFBWFO, how is HARVARD coded in that code?

(a) IBSWBES (b) IBSEWR

(c) IBSWBSE (d) IWSBDES

RRB NTPC 30.04.2016 Shift : III

Ans. (c) : Sort as,



199. If in a certain code language, KEPLER is coded as EKLPRE, how is GALAXY coded in that code ?

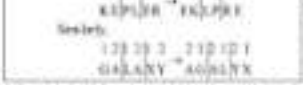
(a) GAALYX (b) AGALYX

(c) GAALAY (d) LAYXGA

RRB NTPC 30.04.2016 Shift : II

Ans. (b) : Sort as,

Similarly,



200. If KINGS is coded as BFMHE, then how will you code QUEEN?

(a) RTDMD (b) MDRTF

(c) VFHOT (d) ELXXO

RRB NTPC 28.04.2016 Shift : II

Ans. (b) : Sort as,

Hence, QUEEN → MDRTF

201. If TEACHER is coded as UDBIDS, then STUDENT will be coded as?

(a) BVUCDMF (b) TUVEFOU

(c) TNVUFMU (d) RUTEDHS

RRB NTPC 28.04.2016 Shift : II

Ans. (b) : Sort as,

Similarly,

Hence, STUDENT → TUVEFOU

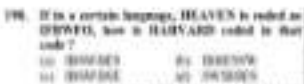
202. If in a certain language, SCARCE is coded as CSRAEC, how is STABLE coded in that code ?

(a) ISBALE (b) BTSABL

(c) BTLLSA (d) TSBAEL

RRB NTPC 27.04.2016 Shift : III

Ans. (d) : Sort as,



Similarly,

203. If in a certain language, TOGGLE is coded as UPPGEEL, how is KEPLER coded in that code.

(a) EEKLPR (b) PEEEKL

(c) RPEEKL (d) EKLPRE

RRB NTPC 27.04.2016 Shift : I

Ans. (d) : Sort as,

Similarly,

204. If in a certain language, GIRL is coded as JLRM, how is LADY coded in that code?

(a) MBEZ (b) MEZE

(c) MEBZ (d) MZBE

RRB NTPC 26.04.2016 Shift : III

Ans. (a) : Sort as, Similarly,

205. If NOTEBOOK is coded as RGCMLZEN, and SHIRT as XNTRL, then TORN is coded as.

(a) GIMR (b) GEIN

(c) GEBR (d) GOBR

RRB NTPC 26.04.2016 Shift : I

Ans. (c) : Sort as,

According to the given code,

Hence, TORN → GEBR

206. If in a certain language, TEMPORARY is coded as BPHMAETRY, how is PERMANENT coded in that code?

(a) NMREEZPNT (b) MNREEZPNT

(c) AMRNEEPNT (d) REANEEPNT

RPF SI 11.01.2015 Shift I

Ans. (d) :

Hence, PERMANENT → NMREEZPNT

207. If ABSENT = BDVEZ, then SCHOOL coded as?

(a) TEEIOR (b) TEEEUR

(c) TEEETS (d) UEEEIS

RRB NTPC 09.01.2017 Shift : I

Ans.(h) : Just as,

Similarly,

208. In a certain code, if ZIGZAGGING is written as AZGIZNNGG, then how will BUZZARIUS be written as in the same code?

(a) ZZSLBYUDRA (b) ZSLBYUDRA
(c) ZZSLBYUDRA (d) ZSLBYUDRA

RRB ALP & Tec.(29-08-18 Shift-I)

Ans.(a) : Just as,

Similarly,

209. If in a certain code, SKYJACKING is written as AIYSGNJKC, then how will CHEAPJACKS be written as in the same code?

(a) PAEBCSKCAJ (b) PAAEBCSKCAJ
(c) PAEBCCSKCAJ (d) PAEBCSKAJ

RRB ALP & Tec.(29-08-18 Shift-I)

Ans.(a) : Just as,

SKYJA CKING ⟶ AIYSG NJKC

1 2 1 2

Similarly,

CHEAP JACKS ⟶ PAEBC SKCAJ

1 2 1 2

Hence, option (a) is correct here.

210. If in a certain code language, PUZZLING is written as ZUCPGNIL and DIPJAPA is written as IPDJAPAL, then what will SHUZLLED be written as in the same code ?

(a) ZSKUZDLL (b) ZSKDULLZ
(c) ZSKUZDLLZ (d) ZSKUDLLZ

RRB ALP & Tec.(29-08-18 Shift-I)

Ans.(d) : Just as,

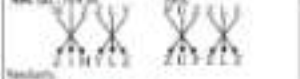
Similarly,

211. In a certain code, if MIZZLY is written as ZIMYLZ and PUZZLE is written as ZUPELZ, then what will BUZZWORD be written as in the same code?

(a) ZZUBDRLOW (b) WABDRLOZZ
(c) BUZZDRLOW (d) DROWZZUB

RRB ALP & Tec.(14-08-18 Shift-I)

Ans.(a) : Just as,



Similarly,

Hence, option (a) is correct.

212. If in a certain code, 'ACEGIK' is written as 'YWUSQO' then how will 'BELL' be written as in the same code?

(a) LUVW (b) ULLV
(c) UNNW (d) XUNN

RRB JE - (27/06/2019 (Shift-III))

Ans.(d) : Just as,

ACEGIK → YWUSQO

A + Y = 26, C + W = 26, E + U = 26,

G + S = 26, I + Q = 26, K + O = 26

Similarly,

BELL → XUNN

B + X = 26, E + U = 26, L + N = 26, L + N = 26

Here the sum of each letter is equal to 26.

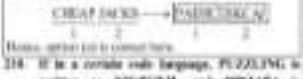
213. In a certain code, If 'MAN' is written as 'NANM' and 'WORD' is written as 'NORDW' then what will 'SALE' be written as in the same code?

(a) LEASS (b) SEALS
(c) SALES (d) LESAS

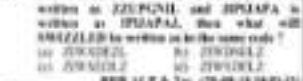
RRB JE - (31/05/2019 (Shift-III))

Ans.(c) : Just as,

And,



Similarly,



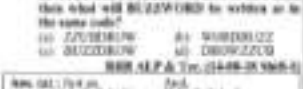
214. In a certain code, 'NATION' is written as 'OCWMTT' then how will 'COUNTRY' be written as in the same code?

(a) DCSOVXF (b) DQNOVXF
(c) DPSOVXF (d) DCSEVUT

RRB JE - (31/05/2019 (Shift-II))

Ans.(b) : Just as,

Similarly,



215. If in a certain code, 'INDIGENUS' is written as 'INHIGHECN' then how will 'INDIRECTS' be written as in the same code?

(a) INHIRESTC (b) INHERSTC
(c) INHIRESTC (d) INHIRESTC

RRB JE - (27/05/2019 (Shift-III))

Ans.(d) : Just as,

Similarly,

216. If in a certain code, 'EDITION' is written as 'DICTNIO' then how will 'MEDICAL' be written as in the same code?

(a) DEMICAL (b) LACIMED
(c) CAIDLEM (d) DEMILAC

RRB JE - 26/06/2019 (Shift-II)

Ans. (d) : Just as,

Hence 'MEDICAL' = 'DEMILAC'

217. If in a certain code, 'AWARE' is written as 'ZVZIF' then how will 'FRIEND' be written as in the same code?

(a) IQHEMC (b) EQHRIC
(c) IQHMIC (d) EHQEMC

RRB JE - 27/05/2019 (Shift-I)

Ans. (a) : Just as,

218. If in a certain code, 'LBAEIIC' is written as 'BLEACH' then how will 'NBOLZKMH' be written as in the same code?

(a) BNOLZKZHM (b) BONKZLHM
(c) BNOLZKMH (d) BOLNHMKZ

RRB JE - 27/05/2019 (Shift-I)

Ans. (a) : Just as,

L B A E I I C → B L E A C H
1 2 3 4 5 6 → 2 1 4 3 6 5

Similarly,

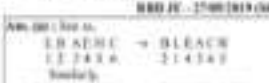
N B O L Z K M H → B N L O K Z H M
1 2 3 4 5 6 7 8 → 2 1 4 3 6 5 8 7

219. If in a certain code, 'DEGINAL' is written as 'LANGUID' then how will 'ELEACHV' be written as in the same code?

(a) SHACKLE (b) SHOCKLE
(c) SHINALE (d) SHERIET

RRB JE - 30/05/2019 (Shift-II)

Ans. (a) : Just as,

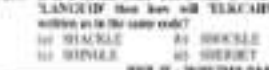


220. If in a certain code, 'EXISI' is written as 'ENIXT' then how will 'PLUTO' be written as in the same code?

(a) PTUOL (b) OLUTP
(c) PTUIH (d) PULTH

RRB JE - 29/05/2019 (Shift-I)

Ans. (c) : Just as,



221. If in a certain code, 'SALE' is written as 'EALS' then how will 'CAUSAL' be written as in the same code?

(a) ZPAUSL (b) ZALPSL
(c) ZAPUSL (d) ZAPLSU

RRB JE - 28/05/2019 (Shift-II)

Ans. (c) : Just as,

222. If in a certain code, 'BRACKET' is written as 'DPCAMCY' then how will 'BLOCK' be written as in the same code?

(a) DRQAN (b) DQAOM
(c) DRQAM (d) DPAM

RRB JE - 24/05/2019 (Shift-I)

Ans. (b) : Just as,

Type - 3

223. In a certain code language, 'zip zin zin' is written as 'life is good', 'zip zin ex' is written as 'love is life' then will 'love' be written as in that language?

(a) zip (b) zoh
(c) zi (d) zin

RRB NTPC (Stage-II)—12/06/2022 (Shift-I)

Ans. (c) : According to the question,

∴ Love will be written as 'zi'.

224. In a certain code language,
'Bring inside manner' is coded as 'xu de mo',
'snow manner build' is coded as 'ri ip co',
'Bring with snow man' is coded as 'vo lo ni me'
If 'built with brick' is coded as 'vr ej ip',
(Note: All codes are two letter codes only)
What is the probable code for 'brick man' in the given code language?

(a) ej vr (b) ma vo
(c) vo ni (d) lo ej

RRB NTPC (Stage-II)—12/06/2022 (Shift-II)

Ans. (d) : According to the question,

Hence, possible code for 'brick wall' will be 'ig ka'.

223. In a certain code language, 'she is beautiful' is written as 'mat ang bil', and 'beautiful and water' is written as 'bil cap fan'. How will 'beautiful' be written in that language?

(a) bil (b) ang

(c) cap (d) mat

BIBB VTPC (Stage-II) – 13/06/2022 (Shift-I)

Ans. (a) : According to the question,

she is beautiful → mat ang bil

beautiful and water → bil cap fan

Hence, it is clear from above code that 'beautiful' will be written as 'bil'.

224. In a certain code language, 'bitter ash kill' is written as 'pal sald tend', 'very sore doll' is written as 'saw tim toy' and 'doll and kill' is written as 'toy sal tim'. How will 'sad' be written in that language?

(a) toy (b) saw

(c) sal (d) doll

BIBB VTPC (Stage-II) – 13/06/2022 (Shift-I)

Ans. (a) : According to the question,

bitter ash kill → pal sald tend

very sore doll → saw tim toy

doll and kill → toy sal tim

Hence, sad is coded as sal.

227. In a certain code, 'go home' is written as 'ta na' and 'nice little home' is written as 'na ja pa'. How is 'go' written in that code?

(a) ta (b) na or pa

(c) ja (d) na

BIBB VTPC (Stage-II) – 13/06/2022 (Shift-I)

Ans. (a) : According to the question,

go home → ta na

nice little home → na ja pa

Hence, It is clear from above code that code of 'go' is written as 'ta'.

228. In a code language, 'you are my world' is written as 'kal po che la', 'my home world' is written as 'ki po kal', and 'she was my girl' is written as 'da ma kal wa'. What is the code for the word 'world' in that language ?

(a) kal (b) ma

(c) po (d) la

BIBB Group-B- 08/09/2022 (Shift-II)

Ans. (c) : According to the question,

you are my world → kal po che la

my home world → ki po kal

she was my girl → da ma kal wa

Hence, the code for 'World' is po.

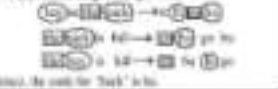
229. In a code language, 'buy in the rank' is written as 'vi lu on ka', 'the rank is full' is written as 'on ka lu ga ka' and 'the buy is full' is written as 'on ka lu ga'. What is the code for the word 'rank' in that language?

(a) ti (b) ka

(c) on (d) lu

BIBB Group-D- 30/09/2022 (Shift-II)

Ans. (b) : According to the question,



Hence, the code for 'Rank' is ka.

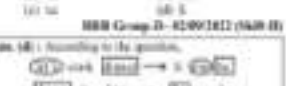
230. In a code language, 'let's cook dinner' is written as 'li ma ka', 'dinner is late' is written as 'ka ve ka' and 'let's go out' is written as 'ya pa ma'. What is the code for the word 'cook' in that language?

(a) ka (b) ma

(c) ka (d) li

BIBB Group-D- 02/09/2022 (Shift-II)

Ans. (d) : According to the question,



Hence, it is clear that the code for 'cook' is li.

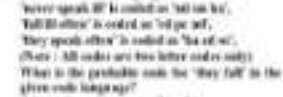
231. In a certain code language,
'never speak iff' is coded as 'tul on ka',
'Tell iff often' is coded as 'vil pa tul',
'they speak often' is coded as 'ka vil ni',
(Note : All codes are two letter codes only)
What is the probable code for 'they fall' in the given code language?

(a) ni tul (b) tul pa

(c) pa ni (d) ni vil

BIBB VTPC (Stage-II) – 13/06/2022 (Shift-II)

Ans. (c) : According to the question,



So, the possible code of 'they fall' will be 'pa ni'.

232. In a certain code language,
'We can sing' is coded as 'pd ro ca'.
'sing new songs' is coded as 'lo ro ca.
'can join now' is coded as 'km ro pd'.
(Note: All codes are two letter codes only)
What is the probable code for 'we join' in the given code language?

(a) ro (b) km ro
(c) pd ro (d) ro km

RRB NTPC (Stage-II) – 15/06/2022 (Shift-I)

Ans. (b) : According to the question,

So, 'we join' will be coded as km ro.

233. In a certain code language,
'Space Thus Bliss' is written as 'ty jk ik'.
'Bliss Youth Lost' is written as 'ik co wo'.
'River Late God' is written as 'co gl ap'.
'Bliss Thus Bad' is written as 'jk ik il'.
How will 'Bliss Thus Youth' be written in that language?

(a) ik co wo (b) jk co wo
(c) ty jk pd (d) ty jk wo

RRB NTPC (Stage-II) – 15/06/2022 (Shift-I)

Ans. (d) : According to the question,

Hence, Bliss Thus Youth will be written as 'ty jk wo'.

234. In a certain code language,
'You are bad' is written as 'YO LO PO'.
'Schools are bad' is written as 'NO PO YO'
and 'You are human' is written as 'LO PO RO'.
How will 'Human are bad' be written in that language?

(a) RO NO PO (b) RO PO LO
(c) RO YO NO (d) RO YO PO

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (d) : According to the question,

Hence, Human are bad is coded as RO YO PO.

235. In a certain code,
'red fancy light' is written as TK VID BIS.
'tomatoes are red' is written as VID NG LS
Which of the following is the code for 'red'?

(a) NG (b) BIS
(c) TK (d) VID

RRB NTPC (Stage-II) – 16/06/2022 (Shift-II)

Ans. (d) : According to the question,

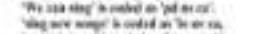
Hence, code for Red will be VID.

236. In a certain code language,
'Red my car' is coded as 'mi ro kb'.
'Black vintage car' is coded as 'co so ro'.
'Red black house' is coded as 'ho kb ro'.
(Note : All codes are two letter codes only)
What could be the code for 'my vintage house' in the given code language?

(a) ro kb mi (b) mi so ro
(c) so mi ro (d) kb ro so

RRB NTPC (Stage-II) – 16/06/2022 (Shift-II)

Ans. (c) : According to the question,



Hence, 'my vintage house' is coded as so mi ro.

237. In a certain code language,
'Red my book' is coded as 'ta ra lf'
'my new house' is coded as 'ab ro ta'
'book house tomorrow' is coded as 'lf ma ab'.
(Note: All codes are two letter codes only)
What is the probable code for 'new tomorrow' in the given code language?

(a) ra ab (b) ab lf
(c) ab ta (d) ma ra

RRB NTPC (Stage-II) – 16/06/2022 (Shift-II)

Ans. (d) : Given,

Hence, it is clear from above that 'new tomorrow' is coded as ra ma ab.

238. In a certain code language,
'you can add' coded as 'ch ra pd'
'add their money' coded as 'ko ra ch'
'their bank can' coded as 'km ra pd'
(Note: All codes are two letter codes only)
What is the probable code for 'money bank' in the given code language?

(a) ch km (b) ra pd
(c) pd ch (d) km ko

RRB NTPC (Stage-II) – 12/06/2022 (Shift-II)

Ans. (d) : According to the question,

Hence, the possible code for 'money bank' would be 'lex ki'.

239. **In a code language -**
'123' means 'good to taste'
'456' means 'see you soon'
'789' means 'to right back'
Which of the following numbers stands for 'be' in that language?
(a) 9 (b) 4
(c) 1 (d) 7

RRB NTPC 09.01.2021 (Shift-II) Stage 1st

Ans. (d) : 123 → good to taste
456 → see you soon
789 → to right back
It is clear that code of 'be' will be '1', because all the codes in sequence.

240. **In a certain code language, 'Bird is animal' is written as '9 ner ne', 'Parrot is Bird' is written as 'ver 9 ji', 'A Parrot animal' is written as 'ner ne ji'. What is the code for 'animal' in that code language?**
(a) ne (b) ner
(c) ner (d) 9

RRB NTPC 23.01.2021 (Shift-II) Stage 1st

Ans. (b) :

Hence, it is clear that animal is coded as 'ne'.

241. **In a certain code language, 'FAST' is written as 'bing', 'RIPE' is written as 'mifi', 'LOVE' is written as 'pwfa' and 'TABLE' is written as 'ulwfa'. Which of the following is the code for 'E'?**
(a) f (b) m
(c) j (d) p

RRB NTPC 23.01.2021 (Shift-I) Stage 1st

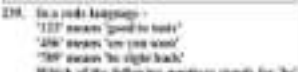
Ans. (m) : According to question,

The code 'f' will be appropriate for 'E'.

242. **In a certain code, 'hast way to win' is written as 'ka ka ta ja', 'the way to hell' is written as 'ka ka ka ka', 'win of the day' is written as 'na ka ka ka' and 'to sell of night' is written as 'na ka ja ta'. Which of the following represents 'of the way'?**
(a) ka ka ka (b) ka ka na
(c) kana ja (d) ka na ka

RRB NTPC 07.01.2021 (Shift-I) Stage 1st

Ans. (d) : According to the question,



Hence, code 'of the way' is na ka ka.

243. **In a certain language**
GJL TUO CHM stands for 'It is car'
QAZ GJL KJH stands for 'He is Ram'
CHM KJH DIU stands for 'Ram has car'
In that language, which of the following stands for 'It'?
(a) TUO (b) CHM
(c) KJH (d) QAZ

RRB NTPC 18.01.2021 (Shift-I) Stage 1st

Ans. (a) : GJL TUO CHM → It is car
QAZ GJL KJH → He is Ram
CHM KJH DIU → Ram has car
Therefore, the meaning of 'It' will be 'TUO'.

244. **In a certain code language, '97' means 'estimated time', '609' means 'space and time' and '68' means 'estimated space'. Which of the following numbers means 'space' in that language?**
(a) 6 (b) 9
(c) 9 (d) 7

RRB NTPC 25.01.2021 (Shift-I) Stage 1st

Ans. (a) : According to the question,

Space depicts '6' in that code.

245. **In a certain code language, 'Sharks are fish' is written as 'ni 8 ra', 'Fish eat food' is written as 'ka mi sh', 'Sharks eat fish' is written as 'mi sh ni'. What is the code for 'Sharks' in that code language?**
(a) mi (b) sh
(c) ni (d) ka

RRB NTPC 13.01.2021 (Shift-I) Stage 1st

Ans. (c) : Given Eqn.

Hence, 'Mother' = ⊕

246. In a certain code language, 'Ram work there' is written as 'huge tyo tre', 'Nina study there' is written as 'soo dow tre' and 'Ram study here' is written as 'huge dow try', then how will 'Ram there' and 'Nina work' be written as in that language respectively?

(a) 'try dow' and 'huge tyo'
(b) 'soo tyo' and 'huge dow'
(c) 'huge tre' and 'soo tyo'
(d) 'huge tyo' and 'dow tre'

RRB NTPC 03.03.2021 (Shift-1) Stage Ist

Ans. (c) :

Ram there' will be written as 'huge tre' and 'Nina work' will be written as 'soo tyo'.

247. In a certain code language, 'tomorrow you see' is written as 'ta ri ol', 'are you late' is written as 'ol ja la' and 'tomorrow come late' is written as 'ol vi la'. How will 'are' be written as in that language?

(a) vi (b) ol
(c) ja (d) la

RRB NTPC 26.07.2021 (Shift-1) Stage Ist

Ans. (b) :

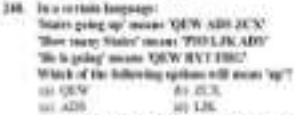
It is clear that 'are' will be written as 'ja'.

248. In a certain language:
'Stairs going up' means 'QEW ADS ZCX'
'How many Stairs' means 'PDS LJK ADS'
'He is going' means 'QEW RVT DSG'
Which of the following options will mean 'up'?

(a) QEW (b) ZCX
(c) ADS (d) LJK

RRB NTPC 17.01.2021 (Shift-2) Stage Ist

Ans. (b) : Given



Hence, 'ZCX' will mean 'up'.

249. In a certain code language 'Ram is boy' is written as 'qaz wes edc', 'boy has car' is written as 'plm qaz fjh' and 'car is blue' is written as 'edc fjh ffb'. How will 'Ram' be written as in that language?

(a) ffb (b) edc
(c) wes (d) qaz

RRB NTPC 21.01.2021 (Shift-3) Stage Ist

Ans. (c) :

Hence, it is clear that 'Ram' is code = wes

250. In a certain code language 'she is fine' is written as '% ip ol' and ' is sam healthy' is written as ' ol rf ft'. Find the code for 'fe'.

(a) ip (b) ri
(c) ft (d) ol

RRB NTPC 17.01.2021 (Shift-3) Stage Ist

Ans. (c) : she ⊕ fine → ⊕ ip ol
⊕ sam healthy → ol rf ⊕
Then, 'ri' will be written as 'fi'.

251. In a certain code language, 257 means 'I like you', '56 mean 'you are good' and 263 means 'I am good'. What number is coded for 'are'?

(a) 2 (b) 6
(c) 5 (d) 4

RRB NTPC 18.01.2021 (Shift-3) Stage Ist

Ans. (d) :

Hence, coded number for 'are' is 4.

252. In a certain code language, if '614' means 'they like tomato', '917' means 'we love tomato' and '956' means 'tomato love mango'. Which digit is used for 'mango'?

(a) 4 (b) 2
(c) 9 (d) 6

RRB NTPC 02.02.2021 (Shift-3) Stage Ist

Ans. (d) : According to the question

It is clear that digit 6 is used for 'mango'.

253. In a certain code language, 'car have wheels' is written as '@ ⊥ ⊥ #', 'Wheels are red' is written as '% ⊥ ⊥ ⊥', 'I have red car' is written as '? @ ⊥ ⊥ #'. Which among the following is the code for 'wheels car' in that language?

(a) ⊥ ⊥ # (b) ⊥ ⊥ %
(c) ⊥ ⊥ ⊥ (d) # @

RRB NTPC 12.01.2021 (Shift-1) Stage Ist

Ans. (b) :

So, the code of 'Wheels car' is '⊥⊥ #'.

254. In a certain code language, 'Horses are animals' is written as '⊥ # @ ⊥', 'Animals are mammals' is written as '@ ⊥ ⊥ #', 'Are horses mammals' is written as '@ # @', what is the code for 'animals' in that code language.

(a) # (b) @
(c) ⊥ (d) ⊥

RRB NTPC 03.02.2021 (Shift-1) Stage Ist

Ans. (a) : As per question,

From the above, it is clear that code of "Animals" is '⊥'.

255. In a certain code language 'Food is Hot' is written as 'Fruit do mill', 'Tea is Ready' as 'Dim do Kule', 'Cold and Hot' is coded as 'Kan ko Mil' and 'I am Ready' as 'Mont ni kule', then how will 'Tea is Hot' be written in the same code language.

(a) Dim do Mil
(b) Mil do Dim
(c) Dim ko Mil
(d) Dim do Kule

RRB NTPC 03.04.2021 (Shift-1) Stage Ist

Ans. (a) :

As per common words:
is → do
Hot → Mil
Ready → Kule
Tea → Dim
Hence, Tea is Hot → Dim do Mil

256. In a certain code language, '@ 0%' means 'table is clean', '@ 0%' means 'clean and neat' and '@ ?' means 'neat girl', then what is the code for 'and' in that language?

(a) ? (b) %
(c) @ (d) 0

RRB NTPC 23.01.2021 (Shift-1) Stage Ist

Ans. (d) : According to the question, on arranging the code :

Hence, and → 0

257. In a certain code language, 'pin tin fin' means 'delicious red food', 'tin dip sig' means 'beautiful yellow rose' and 'sig pun fin' means 'rose and food'. Which of the following stands for 'food' in that language?

(a) pin (b) tin
(c) fin (d) pun

RRB Group D – 05/11/2018 (Shift-III)

Ans. (c) :

Pun → and
fin → food
Hence, food is coded as fin.

258. In certain language, 'MALA CHARA HAYA' is coded as 'pin nuka chuka', 'HAYA GAAR ABE' is coded as 'chuka kuda ante' and CHARA GAAR PYA' is coded as 'pin chuka ante'. What is the code for 'CHARA HAYA GAAR HAYA' in that language?

(a) pin chuka kuda chuka
(b) kuda chuka ante chuka
(c) pun ante kuda chuka
(d) pin chuka ante chuka

RRB Group D – 05/11/2018 (Shift-III)

Ans. (d) :

Hence,
CHARA HAYA GAAR HAYA →pin chuka ante chuka

259. In a certain language 834 means Air and cool, 456 means Air is fresh and 482 means 'cool is not' then which of the following stands for 'fresh' in that language.

(a) 7 (b) 6
(c) 5 (d) 4

RPF Constable 24.01.2019 Shift-1

Ans. (b) :

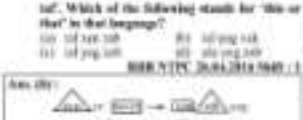
Hence, there will be '9' for 'Hotel'.

268. In a certain code language, 'mon or never' means 'non rab yog', never say that means 'ab ton rab' and 'mon say this' means 'ab rab tal'. Which of the following stands for 'this or that' in that language?

(a) tal ton rab (b) tal yog rab
(c) tal yog tab (d) ab yog rab

RRB NTPC 26.04.2016 Shift : I

Ans. (b) :



Hence, 'this or that' will be written as 'tal yog rab'.

269. If 'this is done' means '792' 'that is remaining' means 824 and 'remaining is done' means 208 as coded which of the following stands for 'done' in this language?

(a) 4 (b) 7
(c) 2 (d) 0

RRB NTPC 22.04.2016 Shift : I

Ans. (d) :

So, it is clear that the code for 'done' is '9'.

270. If 'you are joke' is written as 'tat kit fit', 'who are you' is 'fit wet tat' and 'joke is good' is 'get tat fit', which word represents 'is'?

(a) tat
(b) get
(c) fit
(d) cannot be determined

RRB NTPC 06.04.2016 Shift : I

Ans. (d) :

So, it is not clear.

Hence, code for 'is' cannot be determined.

271. If 'are you sam' is written as '11 ri kl', 'all kate you' is written as '41 8 rl' and 'all are fake' is written as 'tat ri 8', which of the following option will represent 'kate'?

(a) rl (b) 8
(c) ri (d) tat

RRB NTPC 06.04.2016 Shift : I

Ans. (c) :

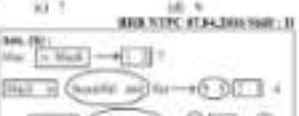
Hence, kate : ri.

272. If 'blue is black' is written as '127', 'black is beautiful and fair' is written as '981214' and 'rose is black and beautiful' is written as '512089', which numbers represents 'rose'?

(a) 5 (b) 8
(c) 7 (d) 9

RRB NTPC 07.04.2016 Shift : II

Ans. (b) :



It is clear that rose code will be 9.

273. If 'book is big' is written as '750', 'big is story' is written as '7ld' and 'Story book is interesting' is written as '43M', which numbers represents 'interesting'?

(a) 3 (b) 4
(c) 7 (d) 6

RPF SI 11.01.2019 Shift : II

Ans. (a) :

Hence, 3 is coded for interesting.

274. If '415' is written as 'milk is hot', '19' is written as 'hot soup' and '890' is written as 'soup is tasty', which numbers represents the word 'tasty'?

(a) 3 (b) 4
(c) 9 (d) 8

RRB NTPC 18.04.2016 Shift : III

Ans. (c) :

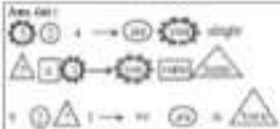
Therefore, it is clear that the number 9 will represent the word 'tasty'.

275. In a certain language code 11 '324' is written as 'see you alright', '783' is written as 'you come home' and '921' is written as 'we are at home', which digit represents 'come'?

(a) 8 (b) 9
(c) 7 (d) 3

RRB NTPC 19.04.2016 Shift : II

Ans. (a) :



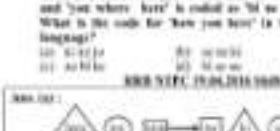
Hence, it is clear that this digit 9 represents 'your'.

268. In certain language, 'how are you' is coded as 'na ki ta', 'where are you' is coded as 'na ki si' and 'you where here' is coded as 'ki na ja'. What is the code for 'how you here' in that language?

(a) ki si ja (b) na ki ta
(c) na ki ja (d) ki si na

RRB NTPC 19.04.2016 Shift : II

Ans. (a) :



Hence, it is clear that 'how you here' → ki na ja.

269. In a certain code language, '329' is coded as 'you are bad', '419' is coded as 'bad is good' and '589' is coded as 'nothing is bad', which numbers represents 'good'?

(a) 9 (b) 4
(c) 3 (d) 1

RRB NTPC 19.04.2016 Shift : II

Ans. (b)

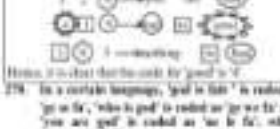
Hence, it is clear that the code for 'good' is '4'.

270. In a certain language, 'goal is fair' is coded as 'ga ur fa', 'who is goal' is coded as 'ga wo fa' and 'you are goal' is coded as 'ne ur fa', which represents 'is'?

(a) ne (b) ga
(c) fa (d) wo

RRB NTPC 19.04.2016 Shift : II

Ans. (b) :



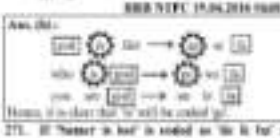
Hence, it is clear that 'is' will be coded 'ga'.

271. If 'humor is hot' is coded as 'ta ki ha' and 'some cold humor' as 'ja ka ha' and 'winter is cold' as 'ga ja ki' then 'some hot winter' is coded as ———.

(a) ki ha ga (b) ki ha ja
(c) ha ja ki (d) ga ka ki

RRB NTPC 19.04.2016 Shift : I

Ans. (d) :



'Some hot winter' will be written as 'ja ka ki'.

272. In a certain code, 891 means 'groups are wear', 376 means 'I like oranges' and 267 means 'oranges are wear'. Which digit represents wear?

(a) 7 (b) 2
(c) 6 (d) Cannot be determined

RRB NTPC 29.03.2016 Shift : III

Ans. (c) :

Hence, '6' digit represents 'wear'.

273. In certain code language '413' is coded 'Black is bold', '9385' is coded as 'Birds like the blue sky' and '10374' is coded as 'Peacock is blue and bold', which numbers represents 'blue'?

(a) 1 (b) 4
(c) 7 (d) 3

RRB NTPC 30.03.2016 Shift : I

Ans. (c) : 413 = Black is bold

Hence, blue = 7

274. In a certain language 'doctors are efficient' is coded '831', 'medicines are costly' is coded as '928' and 'medicines are prescribed by doctors' is coded as '28693', which numbers represents 'medicines'?

(a) 9 (b) 2
(c) 3 (d) 6

RPF Constable 24.01.2019 Shift : III

Ans. (d) : doctors (8) efficient → (8)

Hence, medicines = 6

275. In certain language 'Ginger is a root' is coded '6123, 'a tree has a root' is coded as '75422' and 'tree is green' is coded as '389', which numbers represents 'root'?

(a) 4 (b) 3
(c) 5 (d) 2

RRB NTPC 31.03.2016 Shift : I

Ans. (a) :

Hence, root = 4

276. In a certain language 'roses are red' is coded 986, 'violets are blue' is coded as '739' and 'blue and red are blue' is coded as '5148'; which numbers represents 'blue'?

(a) 7 (b) 1
(c) 4 (d) CND

RRB NTPC 25.05.2016 Shift : I

Ans. (d) :

Therefore, by which digit 'blue' will be displayed, it cannot be determined.

277. In certain language 'Red Yellow and Pink are colours' is coded as 501209, 'Pink is bad' is so coded as '640' and ' Yellow and Red are good' is coded as '21907', which number represents 'Red'?

(a) 2 (b) 5
(c) 9 (d) CND

RRB NTPC 04.04.2016 Shift : II

Ans. (d) : Colours.

Red Yellow and Pink are colours → 5 0 1 2 0 9

Pink is bad → 6 4 0

Yellow and Red are good → 2 1 9 0 7

Code for 'Red' cannot be determined.

278. In certain code language 'costly dining table' is coded as 'ab ob cp', 'cannot buy table' is coded as 'cr ax dq' then how is written 'table'?

(a) ob (b) cp
(c) dq (d) ax

RRB NTPC 04.04.2016 Shift : I

Ans. (d) :

costly dining table → ab ob cp

cannot buy table → cr ax dq

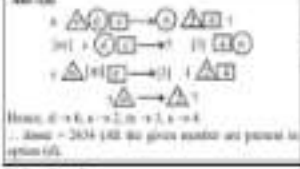
Hence, the 'table' will be written as 'ax'.

279. If 'code' = 6241, 'made' = 9346, 'come' = 3126 and 'to' = 27 then 'dream' = ?

(a) 6134 (b) 6214
(c) 6124 (d) 2634

RRB NTPC 05.04.2016 Shift : III

Ans. (d)



Hence, d → 6, a → 2, m → 3, e → 4

∴ dream = 2634 (All the given number are present in option (d)).

280. In certain code language 'health care is wealth' is coded as '1372', 'health needs care' is coded as '417' and 'he needs wealth' is coded as '4617' then how is 'he is wealth' written in that code?

(a) 326 (b) 364
(c) 624 (d) 246

RRB NTPC 05.04.2016 Shift : III

Ans. (d) :

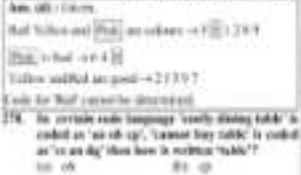
Hence, 'he is wealth' will be written by 326.

281. In a certain language 'he needs help' is coded 'pa ar ni', 'someone must help' is coded as 'ra pa ear' and 'he is someone' is coded as 'ar ll ear' then how is 'someone needs help' written in that code?

(a) pa ear ra (b) ra ar pa
(c) pa ra ar (d) ra ra ar

RRB NTPC 05.04.2016 Shift : II

Ans. (c) :



Therefore "someone needs help" will be written as 'pa ra ar'.

282. In a certain language 'grade is cute' is coded as '486, 'cleaner is beautiful' is coded as 147' and 'grade is black and cleaner is white' is coded as '8174486', which numbers represents 'cleaner'?

(a) 8 (b) 7
(c) 4 (d) 1

RPF SI 10.01.2019 Shift : III

Ans. (b) :

Hence, '7' will be used for 'cleaner'.

283. In certain code language '723' is coded as 'we feel good', '720' is coded as 'feel good better' and '9731' is coded as 'we definitely feel so', which numbers represents 'definitely'?

(a) 8 (b) 9
(c) 7 (d) CND

RRB NTPC 05.04.2016 Shift-I

Ans. (d)

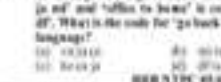
Therefore, it is clear that the code of 'definitely' will be either 0 or 1. Therefore, it cannot be determined.

284. In a certain language, 'ko will go back' is coded as 'na ki ja ra', 'I go to office' is coded as 'ta di ja mi' and 'office to home' is coded as 'ka ta di'. What is the code for 'go back home' in that language?

(a) na ka ja ki (b) na ka ki
(c) ka na ja (d) di ka na

RRB NTPC 05.04.2016 Shift-I

Ans. (a)



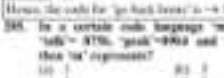
Hence, the code for 'go back home' is → ka na ja.

285. In a certain code language 'mine' = 7354, 'talk' = 8756, 'speak'=9064 and tame = 1654 then 'ta' represents?

(a) 7 (b) 5
(c) 3 (d) 6

RRB NTPC 05.04.2016 Shift-I

Ans. (a) (7+4=2).



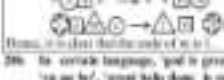
Hence, it is clear that the code of ta is 7.

286. In certain language, 'goal is great' is coded as 'op ne ho', 'great help done' is coded as 'ri op fi' and 'ne is great' is coded as 'ne op dq'. What is the code for 'ne is goal' in that language?

(a) op ne ho (b) ne ho op
(c) dq ne op (d) ne ho dq

RRB NTPC 05.04.2016 Shift - III

Ans. (d)



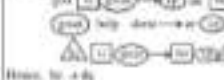
Hence, ne → dq
goal → op
is → ne
'ne is goal' will be represented by 'ne ho dq'.

287. If 'tip ali fit' is written as 'nice big house', 'how fit tif' is 'house is good' and 'fall dur lom' is 'rent is low', then which represents 'good'?

(a) fit (b) how
(c) ali (d) tif

RRB JE - 31/05/2019 (Shift-III)

Ans. (c)



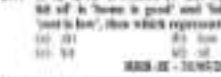
Hence, 'good' = ali

288. If 'Pat ta nap' is written as 'Trait is good', 'nap ko fir' is 'rest is tall' and 'Pat ko nap' is 'eat good food', which of the following represents 'fruit'?

(a) pat (b) nap
(c) Ciel (d) ko

RRB JE - 17/05/2019 (Shift-III)

Ans. (b) :



Hence 'ki' means 'Bad'.

289. If 'kim na ruil' is written as 'give me sweet', 'je ta ruil' is 'you and me' and 'pol ta nur' is 'you are good'and 'je nilt nur' is 'good and bad' then 'bad' will be coded as ?

(a) kim (b) ruil
(c) ruil (d) je

RRB JE - 01/06/2019 (Shift-I)

Ans. (b) :

On solving equations (i), (ii) and (iv), in the code language 'ral' means 'bad'.

290. If 'no more book' is written as 'ta ka da', 'more than that' is 'ra pa ka' then how is 'that' will be coded as ?

(a) da (b) ra or pa
(c) ka or da (d) ka

RRB JE - 30/05/2019 (Shift-II)

Ans. (b) :

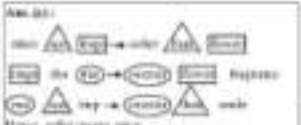
According to the above mentioned code language, 'that' will be written by ra or pa.

291. If 'nitro sun tings' is written as 'softer than flower', 'tings rite and' is 'sweeter flower fragrance' and 'sun sun tings' is 'sweeter than candle', which represents 'softer' ?

(a) and (b) sun
(c) nitro (d) tings

RRB JE - 30/05/2019 (Shift-II)

Ans. (c) :



Hence, 'coffee' means 'white'.

292. If 'blue pave' is written as 'blue cloth', 'warm fine' is 'clear water' and 'blue fine pave' is 'blue clear weather', which represents 'weather' ?

(a) warm (b) clear
(c) dress (d) pave

BANK JE - 28/05/2019 (Shift-II)

Ans. (b) :

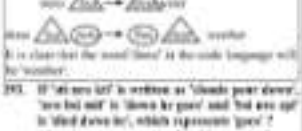
It is clear that the word 'dress' in the code language will be 'weather'.

293. If 'sit new kit' is written as 'climb paint down', 'new bed suit' is 'down he paint' and 'bed new spit' is 'climb down to', which represents 'paint' ?

(a) suit (b) kit
(c) new (d) bed

BANK JE - 31/05/2019 (Shift-I)

Ans. (a) :



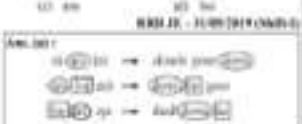
Hence, 'paint' means 'suit'.

294. If 'pay not bite' is written as 'smoking is harmful', 'sing die end' is 'avoid harmful habit' and 'die bite yell' is 'please avoid smoking', which represents 'habit' ?

(a) die (b) sing
(c) end (d) bite

BANK JE - 31/05/2019 (Shift-II)

Ans. (b) : Given,



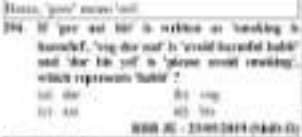
It is clear from the above given structure that the code of 'habit' is 'sing'.

295. If '123' is written as 'hot filtered coffee', '356' is 'very hot day' and '789' is 'day and night', which represents 'very' ?

(a) 1 (b) 6
(c) 8 (d) 5

BANK JE - 02/06/2019 (Shift-III)

Ans. (c) :



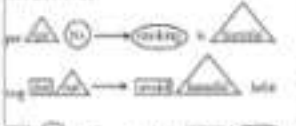
On solving equations (i), (ii) and (iii),
In the code language 'very' means → '6'.

296. If 'lump lump tense' is written as 'speak the truth', 'bin bin sick' is 'always seek knowledge' and 'bin tense sky' is 'knowledge is truth' and 'like bin cup' is 'never seek violence' which represents 'always' ?

(a) sick (b) bin
(c) bin (d) cup

BANK JE - 03/06/2019 (Shift-III)

Ans. (a) :



On solving equations (i), (ii) and (iii),
The word 'sick' in the code language is 'always'.

297. If 'pat zoo slay' is written as 'not good manner', 'pen slay tide' is 'manner and morals' and 'tim zoo kil' is 'purchase good morals', which represents 'not' ?

(a) zoo (b) pen
(c) tim (d) pat

BANK JE - 03/06/2019 (Shift-III)

Ans. (d)

On solving equations (i), (ii) and (iii),
Hence, 'pat' represents 'not'.

298. If 'if he pen' is written as 'roses are blue', 'ok hen' is 'red flowers' and 'pen mit hen' is 'flowers are vegetables', which represents 'roses' ?

(a) he (b) ok
(c) CND (d) if

BANK JE - 03/06/2019 (Shift-III)

Ans. (c)

On solving equations (i), (ii) and (iii),
The codes for roses will be either if or he, as the code language for roses can not be determined.

299. If book is called 'pen', pen is called 'wheat' wheat is called 'chair', chair is called 'cup' and cup is called 'book', then which of the following is edible?

(a) Chair (b) Wheat
(c) Pen (d) Book

RRB NTPC 12.01.2021 (Shift-II) Stage Ist

Ans. (a) : Since wheat is used for food for in the question wheat is called chair, hence chair is the correct answer.

300. If Apple is called 'Shampoo', Shampoo is called 'Milk', Milk is called 'Pen', Pen is called 'Hair' and Hair is called 'Apple', then which of the following will be used for drinking ?

(a) Hair (b) Shampoo
(c) Apple (d) Pen

RRB NTPC 12.01.2021 (Shift-II) Stage Ist

Ans. (d) : Milk is used for drinking but in the question Milk is called Pen. Hence Pen is the correct answer.

301. If Circle is called 'Triangle', Triangle is called 'Square' and Square is called 'Rectangle' then what would a Polygon with three sides be called?

(a) Circle (b) Triangle
(c) Square (d) Rectangle

RRB NTPC 10.01.2021 (Shift-I) Stage Ist

Ans. (b) : A polygon with three sides is called Triangle, but in the given question the Triangle is called a Square. Hence option (c) is the required answer.

302. If White is called Black, Black is called Red, Red is called Yellow, Yellow is called Green, Green is called Blue, Blue is called Violet and Violet is called Orange, what would be the colour of human blood ?

(a) Green (b) Black
(c) Red (d) Yellow

RRB NTPC 17.01.2017 (Shift-III)

Ans. (d) : White → Black → Red → Yellow → Green → Blue → Violet → Orange
Since the blood of human is Red and the Red in the given question is called Yellow. Hence, the blood of human will be Yellow.

303. In a certain code language, Sun is written as Earth, Earth is written as Mercury, Mercury is written as Venus, Venus is written as Mars and Mars is written as Sun, then will 'Venus lies between Mercury and Earth is written as in that language?

(a) Mars lies between Earth and Sun
(b) Mars lies between Venus and Mercury
(c) Mercury lies between Venus and Mars
(d) Mercury lies between Earth and Sun

RRB NTPC 27.01.2021 (Shift-II) Stage Ist

Ans. (b) : In the given code language according to the question 'Venus' is situated between Mercury and Earth. Venus' be written as 'Mars' is situated between 'Venus' and 'Mercury'. Hence option (b) is correct.

304. If 'Hockey' is known as 'Table', 'Basketball' is known as 'Bed', 'Badminton' is known as 'Stool' and 'Cricket' is known as 'Desk', then which game is played with a net between two players or teams?

(a) Stool (b) Desk
(c) Bed (d) Table

RRB NTPC 02.03.2021 (Shift-I) Stage Ist

Ans. (c) : According to the question,

Hockey → Table
Basketball → Bed
Badminton → Stool
Cricket → Desk

Badminton is the game which is played with a net between two players or two teams. But here badminton is called Stool. So 'Stool' is required answer.

305. If 'Urdu', 'Sanskrit', 'History', 'Physics', and 'Economics' are known as 'Physics', 'History', 'Urdu', 'Economics', and 'Sanskrit', respectively , then in which subject did we study about Newton ?

(a) History (b) Physics
(c) Urdu (d) Economics

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (d) : It is clear from the above that we have studied Newton in Physics while in this question Physics has been called Economics.
Hence, option (d) will be correct.

Type - 4

306. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The Correct combination of codes following the condition is your answer.

Number/Symbol	!	?	(	)	!	?	1	2	3	4
Code	R	K	N	T	D	B	V	S	P	C

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two are to be interchanged.

(ii). If the first element is an odd number and the last, an even number, the first and last elements are to be coded as D.

(iii). If both second third elements are either symbols or numbers, the third element is to be coded as the code for the second element.

How will '?4a = 3!9' be coded?

(a) DVBPCD (b) 4SVPCD
(c) 3VBPCD (d) 4SVPCN

RRB Group-D 24.08.2022 (Shift-I)

Ans. (b) : According to the question,
From condition (ii)

6	%	÷	7	?	9
↓	↓	↓	↓	↓	↓
D	V	V	P	C	X

Hence, option (b) is correct.

307. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	6	7	4	3	%	6	8
Codes	B	G	U	W	K	P	H

Conditions:

(i). If the first element is an odd number and the last element is an even number, the codes for these two (the first and the last elements) are to be interchanged.

(ii). If the second element is a symbol and the first element is an even number, the codes for these two (the second and the fifth element) are to be interchanged.

(iii). If the third element is a number and the fourth element is a symbol, both these elements (the third and the fourth elements) are to be coded as Y.

Question: 6 9 % 3 8 5 6 4

(a) B U K W P G P B (b) B P K W B G P U
(c) B B K W P G P U (d) B B Y Y P G P U

RRB Group-D 19-09-2022 (Shift-I)

Ans. (a) : According to the 3 conditions, the interchanging the place of second and fifth element
6%3896 → B BKWPGPC

308. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbols	2	@	9	5	8	&	3	%	6	7	+	4	8	6
Code	T	P	A	J	L	E	W	Q	D	P	R	D	X	N

Conditions:

(i) If the first element is a symbol and the last is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even numbers, the first and the last elements are to be coded as D

(iii) If both the second and the third elements are perfect squares, the third element is to be coded as the code for the second element.

Question : + 4 7 & 6

(a) DEPSE (b) REPSD
(c) SEPER (d) PERDS

RRB Group-D 19-09-2022 (Shift-III)

Ans. (c) : Given, + 4 7 & 6

Number/ Symbols	2	@	9	5	8	&	3	%	6	7	+	4	8	6
Code	T	P	A	J	L	E	W	Q	D	P	R	D	X	N

→ Given code is following the condition (i) so first and last element will be interchanged.

+	4	7	&	6	(Codes)
↓	↓	↓	↓	↓	
R	D	P	E	R	

Hence, option (c) is correct.

309. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the condition is your answer.

Number/symbol	6	9	4	9	@	%	÷	7	7	7	9	8	%	1
Code	J	M	T	J	D	S	÷	M	X	N	W	D	Q	NL

Conditions:

(i) If the first element is a symbol and the last, a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as J

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '% 8 9 4 @ 7' be coded?

(a) NSDTJL (b) LHEDN
(c) LHEDW (d) JUTDJ

RRB Group-D 19-09-2022 (Shift-I)

Ans. (b) : According to the condition (i)-
(Symbol) 9 → L (Codes interchanged with number)
6 → H
9 → L
4 → T
@ → D
(Number) 7 → N (Codes interchanges with symbol)
Hence, option (b) is correct.

310. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	4	5	9	P	5	%	8
Codes	S	D	M	U	T	L	A

Conditions :

(i) If the first element is an even number and the last element is an odd number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the second element is an even number and the fifth element is a symbol, the codes for these two (the second and the fifth elements) are to be interchanged.

(iii) If the fourth element is a number and the sixth element is a symbol, both these elements (the fourth and the sixth elements) are to be coded as G.

Question 4 $\$ \$ \$ \& \% \&$

(a) SDTGNGUA (b) ADTGSGUS

(c) SDTMLGUA (d) SSTGDGUA

RRB Group-D– 08/09/2022 (Shift-III)

Ans. (a) : According to the question

From condition (ii)-

$\$ \$ \$ \& \% \& \& \rightarrow$ SDTGSGUA

Hence, option (a) is correct.

H1. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	8	=	;	&	3	7	@	5	2	+	%	&	+	#
Code	F	R	D	S	Z	R	P	K	U	D	Y	N	T	G

Conditions:

(i) If the first element is a symbol and the last a number, the first element is to be coded as the code for the last element.

(ii) If the first element is a number that is completely divisible by 3, it is to be coded as Z.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '8 @ & # +' be coded?

(a) TKZGR (b) ZPSGR

(c) SPSGR (d) ZPSPD

RRB Group-D– 29/08/2022 (Shift-II)

Ans.(b) : According to the question,

From condition (ii) & given combination of codes:

$8 @ \& \# + \xrightarrow[\text{Code}]{} ZPSGR$

Hence, option (b) is correct.

H2. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	2	=	4	?	%	3	7	?	8	8	5	&
Code	A	F	Y	Z	D	G	S	Z	N	W	K	U	P	X

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as Z.

(iii) If both the second and third elements are symbols, the third element is to be coded as the code for the second element.

How will '3 = 8 1 2' be coded?

(a) ZFKYZ (b) ZFKYA

(c) ZFKWZ (d) ZZKYA

RRB Group-D– 29/08/2022 (Shift-II)

Ans.(a) : According to the question,

From condition (i) and given combination of codes:

$3 = 8 1 2 \xrightarrow[\text{Code}]{} ZFKYZ$

Hence, option (a) is correct.

H3. In this question, a group of numbers/symbols is coded using letters as per the given table and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	8	3	2	9	%	2	9	&	9	@	9	7	5	@
Code	A	V	Z	K	R	MR	F	N	T	E	Z	S	N	M

Conditions:

i. If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

ii. If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as D.

iii. If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

9@7%89

(a) SNMRKT (b) TNMRES

(c) SNLRST (d) TNRRLS

RRB Group-D– 30/09/2022 (Shift-I)

Ans. (a) : According to the question

From condition (i)-

After interchanging the first and last elements, we get-

8 3 2 9 % 2 9 & 9 @ 9 7 5 @

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

S N M R K T

Hence, option (a) is correct.

H4. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	3	8	6	4	@	5	7	2	%	5	=	9	8
Code	T	H	P	K	MP	F	S	H	U	X	W	V	S

Conditions:

(i). If the first element is a symbol and the last, a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii). If the first element is an odd number and the last, an even number, the first and last elements are to be coded as Q.

(iii). If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

Decode %4768 using the above information.

(a) SPUHU (b) SPHU

(c) SKUHU (d) UPUHU

RRB Group-D– 30/09/2022 (Shift-I)

Ans. (a) : According to the question,

From condition (i),

After interchanging the first and last elements, we get-

%3?#@ → 8FUBU

Hence, option (a) is correct.

315. In this question, a group of number/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	3	#	@	?	@	%	>	2	?	?	3	#	%	>
Code	N	P	U	J	D	G	E	X	V	W	K	U	P	M

Conditions:

(i) If the first element is a symbol and the last a number, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as @.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '3 @ 2 %-#' be coded?

(a) NGVEU (b) DDXGP

(c) NDXGU (d) DGVEP

RRB Group-D– 19/09/2022 (Shift-I)

Ans. (b) : According to the question,

From condition (ii),

3 @ 2 %-# → P DXGP

Hence, option (b) is correct.

316. In this question, a group of number/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	2	%	@	8	?	>	?	>	@	%
Code	K	X	K	Y	N	M	W	N	A	H	Y	X	K	M

Conditions:

(i) If the first element is a number and the last a symbol, the codes for these two are to be interchanged.

(ii) If the first element is an even number and the last an odd number, the first and the last elements are to be coded as @.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will '3 > 7 4 %' be coded?

(a) RYAMY (b) MYSBY

(c) XCBDY (d) NYTBB

RRB Group-D– 19/09/2022 (Shift-II)

Ans. (a) : According to the question,

From condition (i),

3 > 7 4 % → RYAMY

Hence, option (a) is correct.

317. Letters are coded as number/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for JUPITER.

Letters	A	C	F	I	T	U	E	R	J
Numbers/ Symbol	>	8	-	6	%	@	4	9	#

Conditions:

(i) If a letter is immediately followed by a vowel, it will be coded as ?.

(ii) If a word ends with a vowel, the vowel will be coded as 3.

(a) #@-9%8 (b) ?@-9%8

(c) ?@?6?8 (d) ?@?9%8

RRB Group-D– 18/09/2022 (Shift-III)

Ans. (c) : According to the question,

From condition (i),

JUPITER → ?@?6?4 9

Hence, option (c) is correct.

318. A group of number/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Numbers/ Symbol	?	@	2	3	>	?	3	#	%	&	#	2	?	3
Codes Letter	G	H	K	Y	B	M	A	Y	X	H	F	B	H	H

Conditions:

(i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as @.

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for '? % # @ 4'?

(a) GLFOG (b) GLFOY

(c) GLFOB (d) GLFOY

RRB Group-D– 18/09/2022 (Shift-III)

Ans. (c) : According to the question,

From condition (i),

? % # @ 4 → G L F O G

Hence, option (c) is correct.

319. In this question, a group of number/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	22	56	11	#	66	&	84	@	%	37	47
Code	X	K	J	H	G	F	B	S	A	P	B

Conditions:

(i) If the first element is a symbol and the last element is a number, then replace these two (first and last) elements with %.

(ii) If the second element is a number and the second last is a symbol, the codes of the first and last elements are to be interchanged.

(iii) If the question has an equal quantity of even and odd numbers, then replace the even numbers with * and odd numbers with ÷.

Question: # 22 @ % 33 & 37 @

(a) B**A/#÷@ (b) ISLDAHPN

(c) B**A/#÷@%33 (d) ISLDAHPN

BBB Group-B– 26/09/2012 (Shift-III)

Ans. (a) : According to the question,

From condition (ii)

22 @ % 33 & 37 @ → B** * A ÷ # ÷ @

Hence, option (a) is correct.

128. Letters are coded as numbers/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for SQUARE.

Letter	T	P	J	Q	N	Y	E	R	H	A
Number/Symbol	÷	#	%	*	@	3	9	#	1	

Conditions:

(i) If there is more than 1 vowel in the word, the vowels will be coded as 4.

(ii) If a word has consonants at both ends, both the consonants will be coded as 2.

(a) 7%4#93 (b) 7%@#93

(c) 7%4#93 (d) 7%4#94

BBB Group-B– 16/09/2012 (Shift-III)

Ans. (d) : According to the question,

From condition (i),

S Q U A R E → 7 % 4 # 9 4

Hence, option (d) is correct.

131. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	4	8	4	÷	5	8	%	1	5	1	*	7	9	*	@
Code	S	I	T	M	N	P	V	D	A	Z	J	M	O	M	Y

Conditions:

(i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.

(ii) If the first element is a symbol, then the first element will be coded as D.

(iii) If both the first and second elements are numbers, then the third element will be coded as *.

What will be the code for the following?

1 2 * % @

(a) ZDNY (b) ZDNV

(c) YLDD (d) ZDTV

BBB Group-D– 12/09/2012 (Shift-I)

Ans. (b) : According to the question,

From condition (iii)

1 2 * % @ → Z D N V Y

Hence, option (b) is correct.

132. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/symbol	*	2	@	3	÷	+	7	#	%	9
Letter code	Z	P	A	F	D	N	R	K	M	Z

Conditions:

i. If the first element is a symbol and the last, a number, the codes for these two the first and the last elements are to be interchanged.

ii. If the first element is an odd number and the last, an even number, the first and last elements are to be coded as 3.

Which of the following will be the code for 9@÷2?

(a) ZZANP (b) PZANZ

(c) ZZNAP (d) PZANP

BBB Group-D– 16/09/2012 (Shift-II)

Ans. (b) : Given,

*	#	@	÷	2
↓			↓	
(Symbol)			(Number)	

From condition (i) follows the above number/symbol group or codes are interchanged.

*	#	@	÷	2
↓	↓	↓	↓	↓
P	Z	A	N	Z

133. In this question, a group of number/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	9	5	3	#	6	&	7	@	%	8	2
Code	L	K	J	H	G	F	D	S	A	P	B

Conditions :

(i) If the first two elements are numbers and the last is a symbol, the interchange the codes for the second number and the last symbol.

(ii) If the second element is a symbol and the last is a symbol, then all the symbols are to be coded as C.

(iii) If the question has any number which is immediately preceded by a prime number, then interchange the codes of the first and last number appearing in the question.

Question : 7 9 & 8 % # 5

(a) DLGPSH (b) JLFPAHD

(c) DLAPSH (d) SLFPAHD

BBB Group-D– 17/09/2012 (Shift-II)

Ans. (b) : According to the question,

From condition (iii)

9 is a number which is immediately preceded by a prime number. Hence

↑	↑	@	↑	%	↑	↑						
↓	↓	↓	↓	↓	↓	↓						
↑	L	↑	P	A	H	D						

Hence, option (b) is correct.

314. A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

Number/ symbol	1	%	4	7	8	9	@	0	3	=	&	↑	↑	6
Code Letter	L	D	B	9	U	A	M	G	I	J	P	X	Q	1

Conditions :

I. If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.

II. If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as G.

III. If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 8 2 3 % 4 ?

(a) AGLDB (b) BLDGA

(c) ALMBM (d) BLMDA

RRB Group-D- 06/10/2022 (Shift-I)

Ans.(d) : Given :-

8 2 3 % 4 = ?

From condition (i)-

8 2 3 % 4 is coded as :- BLMDA

Note: code of 8 and 4 are interchanged.

315. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/Symbol	↑	2	@	8	↑	+	↑	↑	%	9	4
Letter code	J	P	A	F	D	N	R	K	M	Z	B

Conditions:

(i) If both first and fourth elements are even number, the third element is to be coded as the for the third element

(ii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

Which one of the following would be the code of ↑% @@2?

(a) MZZKP (b) MZBKP

(c) MKZPK (d) MKMKP

RRB Group-D 17-09-2022 (Shift-I)

Ans. (a) : Given: ↑% @@2

According to the condition (i)

↑%@@2 → MZZKP

Hence option (a) is correct.

316. In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbols	2	@	9	5	6	&	3	%	4	↑	+	4	8	8
Code	I	F	A	J	L	E	W	Q	D	P	R	B	L	A

Conditions:

(i) If the first element is a symbol and the last is a number, The codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even number, the first of the last elements are to be coded as E

(iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

Question: What will be the code for 7% 9 4 2?

(a) UDUQA (b) UADQU

(c) QUADU (d) UQADU

RRB Group-D 17-09-2022 (Shift-I)

Ans. (d) : Given :- 7% 9 4 2

This above question is follows the condition (i)

New code for-

7% 9 4 2 → U Q A D U

317. A group of numbers/ symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbols	9	↑	+	8	@	4	5	2	%	4	3	&	7	9
Code Letter	D	L	F	A	E	M	Q	N	I	X	W	G	T	R

Conditions:

(i) If the first element is a symbol and the last is a number, The codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even number, the first and the last elements are to be coded as G

(iii) If both the second and the third elements are perfect squares, the third element is to be coded as the code for the second element.

Question:

What will be the code for 3 & % 4 6?

(a) WGCNM (b) WQCIN

(c) GACNI (d) GACNI

RRB Group-D 17-09-2022 (Shift-I)

Ans. (d) : Given :- 3 & % 4 6

This above question is follows the condition (i)

New code for :- 3 & % 4 6 → G G C N I

328. A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ symbol	&	%	$	#	@	5	8	4	*	+	2	3	7	6
Code Letter	G	D	H	P	T	M	A	R	L	N	F	S	Q	K

Conditions:

(i). If the first element is a symbol and the last element is a number, the codes for these two (The first and the last elements) are to be interchanged.

(ii). If the first element is an odd number and last element is an even number, the first and last elements are to be coded as @.

(iii). If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for 5@%7 ?

(a) STMLF (b) GTMLG

(c) GTMLP (d) STMLG

RRB Group-D 14-09-2022 (Shift-I)

Ans. (b) : Given – 5@%7

The above question is follows the condition (ii)

Now code for – 5@%7 → GTMLG

329. In a certain code language, the number/symbols are coded using letters as per the table given below and as per the given conditions.

Number/ Symbol	*	1	&	2	+	3	*	4	%	5	$	6	#	7	@	8
Code	M	Q	F	S	A	D	C	B	U	V	E	T	G	H	N	R

Conditions :

I. If the first element is an odd number and the last also is an odd number, the code for the first element will be P and for the last element will be K.

II. If the last two elements are numbers the codes for these two are to be interchanged.

III. If the first two elements are symbols, both these elements will be coded as UC.

What will be the code for 387%@8 ?

(a) NFSCGT (b) NUSCYG

(c) NFSCYG (d) PTSCGR

RRB Group-D- 09-09-2022 (Shift-I)

Ans.(c) : Given, 3 8 7 % @ 8

According to the condition (II)

3 8 7 % @ 8 → N F S C Y G

Hence, option (c) is correct.

Type - 5

330. If the sum of number-clusters 395 and 727 is represented as 101112; and by the same code, the sum of number clusters 276 and 847 is represented as 111213, then which of the following will be code for sum of number clusters 609 and 877?

(a) 141312 (b) 131415

(c) 121314 (d) 141516

RRB NTPC 11.01.2021 (Shift-I) Stage Ist

Ans. (d) : First we,

3 + 7 = 10

9 + 2 = 11

4 + 7 = 12

And,

2 + 9 = 11

7 + 4 = 12

6 + 7 = 13

Same we,

6 + 9 = 14

8 + 7 = 15

9 + 7 = 16

Hence, the coded number is 141516.

331. The word ORANGE has been coded using 4 different codes.

Code 1 : PSBOHF

Code 2 : NQZMFD

Code 3 : QTCYIG

Code 4 : PTDRLK

Which of the given codes is used to write the word FISH as GKVL?

(a) Code 2 (b) Code 1

(c) Code 4 (d) Code 3

RRB NTPC 03.03.2021 (Shift-I) Stage Ist

Ans. (c) : Given,

Word → F I S H

+1 +2 +3 +4

Code → G K V L

On writing ORANGE in the given code language,

O R A N G E

+1 +2 +3 +4 +5 +6

P T D R L K

Hence, the word ORANGE has been written as PTDRLK via code 4.

332. If 67 = 256 and 81 = 729, then which of the given options will be the value of 74 = ?

(a) 847 (b) 784

(c) 987 (d) 872

RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (b) : First we,

$67 = (8+1)^2 = 256$

And,

$81 = (8+1)^3 = 729$

Same we,

$74 = (7+4)^3 = 784$

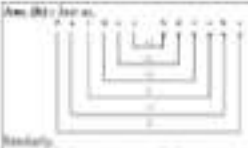
333. If Father = Sabbir, then Sister = ?

(a) Sabjan (b) Sabrajo

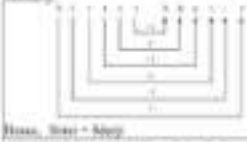
(c) Sabrij (d) Sabrajo

RRB NTPC 29.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,



Similarly,



Hence, Sister = Mary

114. If Burger = 08, then Toppar = ?

(a) 48 (b) 80

(c) 24 (d) 32

RRB NTPC 30.05.2021 (Shift-I) Stage 1st

Ans. (b) : Just as,

Charger → 3 + 8 + 1 + 18 + 7 + 2 + 18 = 60

Similarly,

Toppar → 20 + 15 + 16 + 16 + 1 + 18 = 80

115. In a certain code language, if DICKENS is written as VQWDUEG and ELBOT is written as UNQKF which letter will be in the fifth place, when counted from the left, if BUYER is written in that code language?

(a) G (b) H

(c) I (d) A

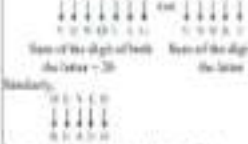
RRB NTPC 03.03.2021 (Shift-II) Stage 1st

Ans. (b) : Just as,

Sum of the digit of both the letter = 20

Sum of the digit of both the letter = 20

Similarly,



Sum of the digit of both the letters = 20

Hence, H will be the fifth letter from left.

116. The word MANGO has been coded using 4 different codes.

Code 1 : NBOHP

Code 2: LZMFN

Code 3: OCPIQ

Code 4 : NCQKT

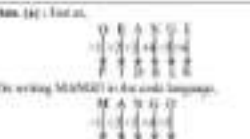
Which of the given codes is used to write the word ORANGE as PTDBLK?

(a) Code 4 (b) Code 1

(c) Code 2 (d) Code 3

RRB NTPC 13.01.2021 (Shift-II) Stage 1st

Ans. (c) : Just as,



On writing MANGO in the code language,

Hence, the word ORANGE has been written as PTDBLK via code 4.

117. The word COMPIRATION has been coded using 4 different codes.

Code 1 : XLIKLJNQKLM

Code 2: BNMOPQRSZNO

Code 3: NJWKJMVTDIR

Code 4 : BPQQNSRLZNO

Which of the following codes is used to write the word ROTTES as SNVNFR?

(a) Code 1 (b) Code 2

(c) Code 3 (d) Code 4

RRB NTPC 07.04.2021 (Shift-II) Stage 1st

Ans. (b) : Just as,

From code 2,

Similarly

Hence, code 2 will be the answer.

118. The word RESERVATION has been coded using 4 different codes:

Code 1: SGVIWHBRVY

Code 2: SCVAWFBLBFY

Code 3: TGUUCSCVKQF

Code 4: PUQCPTYBGML

Which of the following codes is used to write the word ENQUIRY as FLTQNLF?

(a) Code 2 (b) Code 3

(c) Code 1 (d) Code 4

RRB NTPC 08.04.2021 (Shift-I) Stage 1st

Ans. (a) : Just as,

Similarly,

Hence, code 2 will be the correct answer.

138. The word LOCOMOTIVE has been coded 4 different codes?
Code 1: KNZAHNHAHU
Code 2: MNBNNNUBWD
Code 3: KPHPLPNGF
Code 4: MQTSRESQEO
In which of the following code languages the word STATION is written as RUZUHPM.
(a) Code 2 (b) Code 1
(c) Code 3 (d) Code 4

RRB NTPC 09.04.2021 (Shift-1) Stage Ist

Ans. (c) : Just as,

Same code (+)

Similarly,

Hence, code 3 has been used to write the word STATION as RUZUHPM.

140. If 31 C 19 then 37 = 93 and 52 C 13 D 5 = 20 then 96 C 14 D 11 = ?
(a) 79 (b) 75
(c) 77 (d) 73

RRB NTPC 18.01.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

$31 C 19 \Rightarrow 37 = 93$

$31 + 19 = 37 + 93 = 65$

and $52 C 13 D 5 = 20$

$52 - 13 = 5 = 20$

Similarly,

$96 C 14 D 11 = ?$

$96 + 14 + 11 = \frac{93}{3} + 1 + \boxed{\frac{75}{3}}$

141. Select the number that can replace the question mark (?).
199 = 18, 267 = 19, 456 = 26 then 678 = ?
(a) 15 (b) 32
(c) 19 (d) 36

RRB NTPC 02.03.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

$199 \Rightarrow 1 + 9 + 9 = 19$ Same as,

$267 \Rightarrow 2 + 6 + 7 = 15$ $678 \Rightarrow 6 + 7 + 8 = 19$

$456 \Rightarrow 4 + 5 + 6 = 26$

Hence, option (c) is correct.

142. If Apple = Brpjq, and Mango = Nqjkl, then Grapes will be equal to
(a) Ordqjs (b) Hsrqjs
(c) Hsdqjs (d) Hqrsjk

RRB NTPC 28.01.2021 (Shift-II) Stage Ist

Ans. (c) : Just as,

Similarly,

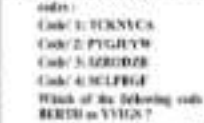
Hence, Grapes will be equal to Hsdqjs.

143. The word RAILWAY is coded in 4 different codes :
Code/ 1: YCRNVCA
Code/ 2: PYGRVYW
Code/ 3: AZRIDZR
Code/ 4: SCLPRGF
Which of the following code is used to write BERTH as VYIGN ?
(a) Code 1 (b) Code 3
(c) Code 2 (d) Code 4

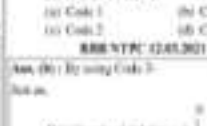
RRB NTPC 12.03.2021 (Shift-II) Stage Ist

Ans. (b) : By using Code 3-

Just as,



Similarly,



Hence, the word RAILWAY has been written as AZRIDZR in code 3.

344. If 'A' is replaced by 1 'B' by 2 and so on till 'Z' Letters up to 26 are replaced by numbers, Z is replaced by 26 then what will be the sum of numbers for the word 'PROBLEM' ?

(a) 98 (b) 89

(c) 81 (d) 73

RRB JE - 28/09/2019 (Shift-1)

Ans. (a) : English alphabetical order of given words.

P → 16

R → 18

O → 15

B → 2

L → 12

E → 5

M → 13

Hence, sum of numbers,

= 16 + 18 + 15 + 2 + 12 + 5 + 13 = 81

The sum of the substituted number of the word is 81.

345. In a certain coded language A means 26 and B means 25. Which among the following represent a country's name?

(a) 19–19–22–12–19–26

(b) 19–22–12–26–19

(c) 12–26–10–12

(d) 19–26–11–14–26

RRB JE - 01/06/2019 (Shift-1)

Ans. (b) : A means 26 and B means 25. Hence, given alphabets are coded in reverse order.

(a) 19 –19–22 – 12 –10 –26 I O F H I A

12 –26 –16 – 12 P A R N

(b) (19 –22–12–26–19) S E P A S

19 –26–11–14 –26 S K A P M A

(c) 12 –26 –10 –12 P A R N

(d) 19 –26–11–14 –26 S K A P M A

Hence option (b) is denoting the name of a country.

346. If COCK is written as DAPADHL2 then how is HENCE written in that code ?

(a) DFFHDMF5 (b) DFFHDMN5DH5

(c) DFFHDMD5F6 (d) DFFHDHD5F6

RRB Group-D – 23/09/2019 (Shift-1)

Ans. (d) : Just as,

C + 1 = D and D digit = 4

O + 1 = P and P digit = 16 => 6 (unit digit)

C + 1 = D and D digit = 4

K + 1 = L and L digit = 12 => 2 (unit digit)

Hence COCK → DAPADHL2

Similarly HENCE-

H + 1 = I and I digit = 9

E + 1 = F and F digit = 6

N + 1 = O and O digit = 15 => 5 (unit digit)

C + 1 = D and D digit = 4

E + 1 = F and F digit = 6

Hence, HENCE → DFFHDMF5

347. If LUCK is written as L2U3C4K1 then how is the last digit XEROX in that code ?

(a) 1 (b) 2

(c) 4 (d) 3

RPF Constable 24.01.2019 Shift : III

Ans. (1) : Just as,

L U C K → L2U3C4K1

1 2 3 4

Similarly-

X E R O X → X2E5R6O7X8

1 2 3 4 5

Hence, 8 is last digit code of XEROX.

348. If MAT coded as 13 + 1 + 20 and FAN coded as 6 + 1 + 14 then TANKS will be coded as ?

(a) 20 + 1 + 1 + 14 + 19

(b) 20 + 14 + 11 + 1 + 19

(c) 20 + 1 + 14 + 11 + 19

(d) 19 + 1 + 14 + 11 + 20

RRB Group-D – 05/11/2018 (Shift-III)

Ans. (c) : MAT = 13 + 1 + 20

FAN = 6 + 1 + 14

Here the letters are added by writing the serial value in their alphabet.

∴ TANKS = 20 + 1 + 14 + 11 + 19

349. In a symbolic language, 'Naval is a hot place' is written as 'is hot is place Naval' and 'water vapour is air hot' is written as 'is air vapour hot water', then in the same language, 'Shimla is a hill place' would be written as?

(a) A hill is place Shimla

(b) Shimla is a hill place

(c) A hill place is Shimla

(d) Shimla is a place hill

RRB NTPC 04.01.2021 (Shift-I) Stage-Ist

Ans. (a) : Just as,

Naval is a hot place → is hot is place Naval

And,

water vapour is air hot → is air vapour hot water

Similarly,

Shimla is a hill place → A hill is place Shimla

350. If ABC coded as $\$@^*$ and BIT coded as $\%\%^*$ then CHAIR will be coded as ?

(a) $\#^*\&\$@$ (b) $\#^*\%\&\%$

(c) $^*\%\&@$ (d) $^*\%\&\%$

RPF SI 30.01.2019 Shift – II

Ans. (a) : A → $ B → @

C → * I → &

H → # R → $

T → %

CHAIR → $#*&@

03.

Classification

Type - 1

1. **Four abbreviations have been given out of which three are alike in some manner and one is different. Select the odd one.**
(a) NTPC (b) CRPF
(c) BHEL (d) SAIL

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (b) : CRPF is a police force where as NTPC, BHEL and SAIL are Maharatna companies. Therefore, option (b) is odd one out.

2. **Three pairs are similar in one way and one pair is different from following four pair of terms. Which one is different from other three?**
(a) Captain : Team
(b) Boss : Gang
(c) Prime Minister : Cabinet
(d) Actor : Troupe

RRB NTPC 12.04.2021 (Shift-1)

Ans. (d) Just as Team's head is called Captain, Gang's head is called Boss, Cabinet's head is called Prime Minister whereas Troupe word is used for group of actors. So, option (d) is different.

3. **Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Chalk (b) Marker
(c) Book (d) Pen

RRB NTPC 28.12.2020 (Shift-2) Stage Ist

Ans. (c) : Pen, Marker and Chalk is used for writing, while Book is used for reading. Hence, option (c) is different among all.

4. **Four awards have been listed, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Padma Vibhushan (b) Padma Bhushan
(c) Param Vir Chakra (d) Padma Shri

RRB NTPC 07.01.2021 (Shift-1) Stage Ist

Ans. (c) : Param Vir Chakra is the honour given for the extraordinary valor and sacrifice of the soldiers. It was also given to the soldiers posthumously.
While, the Padma Vibhushan, Padma Bhushan and Padma Shri awards are given for exceptional and outstanding work in any field.

5. **Choose the word that is different from the other three.**
(a) Treacherous (b) Devoted
(c) Loyal (d) Faithful

RRB NTPC 07.01.2021 (Shift-1) Stage Ist

Ans. (a) : Treacherous is a negative emotion word whereas other words are showing positive emotion.
Hence, option (a) is different from all other options.

6. **Out of the four materials listed. Three are alike in some manner and one is different. Select the odd one.**
(a) Silver (b) Gold
(c) Brass (d) Aluminium

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (c) : Brass is an alloy, whereas all other are metals. Hence option (c) is different from all other options.

7. **Four instruments have been listed, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Tabla (b) Mridangam
(c) Sitar (d) Dholak

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (c) : Sitar is a stringed instrument whereas all others are percussion instrument.
Hence, option (c) is different from all other options.

8. **Among the four words listed, three are alike in some manner and one is different. Select the odd one.**
(a) Adjective (b) Verb
(c) Noun (d) Sentence

RRB NTPC 11.01.2021 (Shift-1) Stage Ist

Ans. (d) : Adjective, Verb and Noun are the form of parts of speech whereas a sentence is a combination of all these.
Hence, option (d) is differ from other options.

9. **Four words have been given, out of which three are alike in some manner and one is different, select the odd one.**
(a) Reduce (b) Enhance
(c) Raise (d) Increase

RRB NTPC 17.01.2021 (Shift-1) Stage Ist

Ans. (a) : In the given alternatives, it is clear from the meaning of the words increase, enhance and raise that they are synonymous with each other whereas reduce is the opposite word of all these. Hence option (a) will be odd.

10. **Which of the following is different from the rest?**
Venus, Mars, Jupiter, Jupiter
(a) Mars (b) Venus
(c) Jupiter (d) Jupiter

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (c) : Venus, Mars and Jupiter are all planets while Jupiter is a satellite.
Hence, option (c) is different from others.

11. **Which of the following is not similar to the rest?**
Coat, Shirt, Jacket, Sweater
(a) Jacket (b) Shirt
(c) Sweater (d) Coat

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (b) : Cow, Sarkara and Summer are all words starting with short an not.
Hence, option (b) is different from other options.

12. **Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Plough (b) Loom
(c) Tractor (d) Seed Drill
RRB NTPC 08.03.2021 (Shift-1) Stage Ist

Ans. (b) : Plough, Tractor and Seed Drill are agricultural instruments while Loom is used for cloth knitting. Hence Loom is different amongst all.

13. **Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Comics (b) Movies
(c) Documentaries (d) Animation
RRB NTPC 09.02.2021 (Shift-1) Stage Ist

Ans. (a) : Movies, Documentaries and Animation are related to television whereas Comics is related to pictures that tells a story.
Hence, option (a) is different from other options.

14. **Four words have been given out of which three are alike in some manner and one is different. Select the odd one.**
(a) Flute (b) Violin
(c) Saxophone (d) Mouth Organ
RRB NTPC 09.02.2021 (Shift-1) Stage Ist

Ans. (b) : Flute, Saxophone and Mouth Organ all these are played by mouth whereas Violin is played by hand.

15. **Select the option that is different from the rest.**
(a) Tomato (b) Lady finger
(c) Cucumber (d) Cabbage
RRB NTPC 10.02.2021 (Shift-1) Stage Ist

Ans. (d) : Tomato, Cucumber and Lady finger are the products of plants while cabbage is a plant itself.

16. **Select the odd pair of words from the following options.**
(a) Depart : Arrive (b) Maximum : Minimum
(c) Hot : Cold (d) Drink : Eat
RRB NTPC 03.03.2021 (Shift-1) Stage Ist

Ans. (d) : Drink and Eat are synonyms to each other but Depart and Arrive, Maximum and Minimum, Hot and Cold are antonyms to each other.

17. **Only one of the following groups of words is related to each other in some consistent manner. Identify the odd one out.**
(a) LEDs, Bulbs, Tubelight
(b) Pencil, Laptop, Geyser
(c) LCD TV, Broom, Hammer
(d) Screwdriver, Tissue, Mobile phone
RRB NTPC 03.03.2021 (Shift-1) Stage Ist

Ans. (a) : LEDs, Bulbs, Tube light all these are sources of light whereas the group of words given in other options are exposure different category.
Hence, option (a) is different from others.

18. **Select the option in which the words do not share the same relationship as that shared by the rest.**
(a) Eat : Scratch (b) Punch : Tap
(c) Run : Walk (d) Teach : Pole
RRB NTPC 06.04.2021 (Shift-2) Stage Ist

Ans. (d) : Cutting, punching and running are faster activities than scratching, tapping and walking respectively whereas teaching is slower activity than pointing.
Hence, option (d) is different from others.

19. **Four words have been given, out of which three are alike in some manner and one is different. Select the odd one word.**
(a) Leopard (b) Tiger
(c) Wildcat (d) Fox
RRB NTPC 30.12.2020 (Shift-II) Stage Ist

Ans. (d) : Tiger, Wildcat and Leopard are species of cat while Fox is species of wild dog. Hence, option (d) is different from all the options.

20. **Four natural resources are listed, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Solar (b) Coal
(c) Wind (d) Water
RRB NTPC 30.12.2020 (Shift-I) Stage Ist

Ans. (b) : Water, Solar and Wind are renewable resources whereas Coal is non-renewable resource.
Hence, option (b) is odd one.

21. **Four equipment are listed, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Dropper (b) Beaker
(c) Test tube (d) Compass
RRB NTPC 30.12.2020 (Shift-II) Stage Ist

Ans. (d) : The relation of Dropper, Beaker and Test tube are the lab equipments used for handling liquids whereas Compass is a direction indicator tool.
Hence, option (d) is odd one.

22. **Four publications have been listed, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Hindustan Times (b) The Hindu
(c) India Today (d) Indian Express
RRB NTPC 09.01.2021 (Shift-I) Stage Ist

Ans. (c) : In the given Publications all are newspaper except option (c) India Today is a news channel.

23. **Four words have been listed, out of which three are alike in some manner and one is different. Select the odd one.**
(a) Plan (b) Design
(c) Scheme (d) Instruct
RRB NTPC 12.01.2021 (Shift-II) Stage Ist

Ans. (d) : Plan, Design and Scheme are synonyms to each other whereas Instruct is an inconsistent word.

24. **Three of the four rivers given as options share a certain relation while one is different. Select the river which is different from the rest.**
(a) Godavari (b) Ganga
(c) Indus (d) Brahmaputra
RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (a) : The Indus river, the Ganga river and the Brahmaputra river originated from the Himalayan river systems. Whereas Godavari River is the largest river in Peninsular India. Its source is in Trimbakeshwar, Nashik, Maharashtra, 80 km from Arabian Sea.

25. Among the four words listed below, three are a like in some manner and one is different. Select the odd one.
(a) Year (b) Intelligence
(c) Happiness (d) Anger
RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (b) : Year, Happiness and Anger are the feelings of the mind whereas Intelligence is different from all these.

26. Three of the given four terms share a certain relationship whereas one is different. Select the one that is different.
Mike, Loudspeaker, Projector, Amplifier
(a) Loudspeaker (b) Amplifier
(c) Mike (d) Projector
RRB NTPC 20.01.2021 (Shift-I) Stage Ist

Ans. (d) : Mike, Loudspeaker and Amplifier tool for recording sounds or for making voice louder, while Projector is a piece of equipment for projecting photographs, movies or computer slides onto a screen.

27. Out of the four words listed below, three are alike and one is different. Select the different one.
Jio, Vodafone, Airtel, Amazon
(a) Airtel (b) Amazon
(c) Jio (d) Vodafone
RRB NTPC 31.01.2021 (Shift-I) Stage Ist

Ans. (b) : Amazon is an online shopping portal while Airtel, Jio and Vodafone are telecom companies. Dates option (b) is odd.

28. Among the four words listed, three are alike in some manner and one is different. Select the odd one.
Black Pepper, Cardamom, Onion, Clove
(a) Black Pepper (b) Clove
(c) Cardamom (d) Onion
RRB NTPC 31.01.2021 (Shift-I) Stage Ist

Ans. (d) : Onion is a type of vegetable whereas Black Pepper, Clove and Cardamom comes under spices.

29. Among the four words listed, three are alike in some manner and one is different. Select the odd one.
Gratitude, Patience, Honesty, Greed.
(a) Patience (b) Greed
(c) Gratitude (d) Honesty
RRB NTPC 31.01.2021 (Shift-I) Stage Ist

Ans. (b) : Greed is a negative sentiment word while Patience, Gratitude and Honesty all express positive sentiment.

30. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.
Pupil, Cuticles, Cornea, Iris
(a) Cuticles (b) Cornea
(c) Iris (d) Pupil
RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (a) : Pupil, Cornea and Iris are related to eye but Cuticles is related to ear. So, Cuticles is different from rest.

31. Four word have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Bangalore (b) Jaipur
(c) Patna (d) Chandigarh
RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (d) : Patna, Bangalore and Jaipur are the capitals of Bihar, Karnataka and Arunachal Pradesh respectively but Chandigarh is a Union Territory.
So, Chandigarh is different from rest.

32. Select the option that is different from the rest in a certain way.
(a) Gujarat (b) Surat
(c) Ahmedabad (d) Rajkot
RRB NTPC 27.02.2021 (Shift-I) Stage Ist

Ans. (a) : Surat, Ahmedabad and Rajkot are cities in the state of Gujarat while Gujarat is a state. Hence, option (a) Gujarat is different from the other options.

33. Select the option that is different from the rest in a certain way.
(a) Army (b) Judiciary
(c) Legislature (d) Executive
RRB NTPC 27.02.2021 (Shift-I) Stage Ist

Ans. (a) : Judiciary, Legislature and Executive are the parts of Indian polity while the army is different from them.

34. Select the option that is different from the rest.
(a) Yam (b) Eggplant
(c) Potato (d) Radish
RRB NTPC 04.03.2021 (Shift-II) Stage Ist

Ans. (b) : Eggplant is odd because, Yam, Potato and Radish all grow under the ground but not the Eggplant (Brinjal).

35. Select the option that is different from the rest.
(a) Metre Gauge (b) Broad Gauge
(c) Long Gauge (d) Narrow Gauge
RRB NTPC 09.03.2021 (Shift-II) Stage Ist

Ans. (c) : Long Gauge is different or inconsistent with others while Metre Gauge, Broad Gauge and Narrow Gauge are related to the measurement of railway tracks.

36. Out of the four words listed, three are alike in some manner and one is different select the odd one
(a) India (b) Australia
(c) Africa (d) Europe
RRB NTPC 01.04.2021 (Shift-I) Stage Ist

Ans. (a) : Australia, Africa and Europe are the three continents while India is a country which comes under the continent of Asia.

37. Pick the odd one out.
(a) Nitrogen (b) Oxygen
(c) Iron (d) Platinum
RRB NTPC 01.04.2021 (Shift-I) Stage Ist

Ans. (c) : Iron is a solid element while Nitrogen, Oxygen and Chlorine are gases.
Hence option (c) is odd.

38. Pick the odd one out:
(a) Kilometer (b) Centimeter
(c) Mile (d) Meter

RRB NTPC 08.04.2021 (Shift-I) Stage Ist

Ans. (c) : Kilometer, Centimeter and Meter are related to each other while Mile is one.
Hence, option (c) is odd.

39. Four words are given, out of which three are alike in some way and one is inconsistent. Select the inconsistent one.
(a) Chair (b) Desk
(c) Table (d) Fan

RRB NTPC 09.04.2021 (Shift-II) Stage Ist

Ans. (d) : Chair, Desk and Table are furniture related items, whereas a fan is an electronic item.
So the fan is different from the other three.

40. Four words are given, out of which three are related to some way and one is odd. Select the odd one.
(a) Sadness (b) Angry
(c) Thought (d) Fear

RRB NTPC 09.04.2021 (Shift-II) Stage Ist

Ans. (c) : Sadness, Anger and Fear represents emotions, whereas 'Thought' is different from the other three. So, option (c) is odd one.

41. Choose the appropriate option which is different from the others as the others are inter-related.
(a) Border : country (b) Coastline : Sea
(c) Bridge : road (d) Wall : House

RRB NTPC 26.07.2021 (Shift-II) Stage Ist

Ans. (a) : Countries have borders, seas have coastlines and houses have walls, whereas bridges and road have no relation. Hence option (c) is different from the others.

42. Pick the odd one out?
(a) Tiger (b) Cow
(c) Deer (d) Leopard

RRB NTPC 04.01.2021 (Shift-I) Stage Ist

Ans. (b) : 'Cow' is domestic animal while Tiger, Deer and Leopard are wild animals. Hence in the given option 'cow' is odd one.

43. In the given options, select the odd one out?
(a) Pen (b) Dialogue
(c) Script (d) Actor

RRB NTPC 10.01.2021 (Shift-II) Stage Ist

Ans. (d) : Actor is odd, because Pen, Dialogue and Script are represented by Actor.

44. Among the four words given, three are alike in some manner and one is different. Select the odd one.
(a) Companion (b) River
(c) Colleague (d) Partner

RRB NTPC 18.01.2021 (Shift-II) Stage Ist

Ans. (b) : In the given words Companion, Colleague and Partner are synonyms whereas River are opposite.
Hence, required answer is option (b).

45. Out of the colours listed, three are alike in some manner and one is different, select the odd one.
(a) Red (b) Blue
(c) Yellow (d) Orange

RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (d) : In given colours Red, Blue and Yellow are primary colours. Whereas, Orange is not primary colour. So it is odd one.

46. Out of the four vegetables listed, three are alike in some manner and one is different, Select the odd one.
(a) Onion (b) Ladyfinger
(c) Cabbage (d) Brinjal

RRB NTPC 25.01.2021 (Shift-II) Stage Ist

Ans. (a) : Out of the four vegetables listed, Onion is different because it is a underground vegetable.

47. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one
(a) Eagle (b) Emu
(c) Sparrow (d) Crow

RRB NTPC 02.03.2021 (Shift-I) Stage Ist

Ans. (b) : Eagle, Sparrow and Crow are flying birds, while 'Emu' is a flightless bird found in Australia.

48. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Sikkim (b) Nepal
(c) Bhutan (d) Tibet

RRB NTPC 02.03.2021 (Shift-II) Stage Ist

Ans. (a) : Sikkim is different because Sikkim is a state in the country of India while Nepal, Bhutan and Tibet are neighbouring countries of India.

49. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Students (b) Principal
(c) Dean (d) Director

RRB NTPC 14.03.2021 (Shift-II) Stage Ist

Ans. (a) : Principal, Dean and Director are all three official positions whereas students is different from them.

50. Out of the four words listed, three are alike in some manner and one is different. Select the odd one.
(a) Umpire (b) Pitch
(c) Boundary (d) Ground

RRB NTPC 11.03.2021 (Shift-I) Stage Ist

Ans. (a) : Pitch, Boundary and Ground are the venues related to the game, whereas, the umpire is the main person responsible for decisions of game.

51. Three of the given options are alike in a certain way and so form a group. Which of the four options does NOT belong to the group?
(a) Shipping (b) Cargo
(c) Businessy (d) Railways

RRB NTPC 03.04.2021 (Shift-I) Stage Ist

Ans. (b) : Shipping = Scheme of movement of a vehicle from one place to another.
Cargo = Ship carrying goods
Roadways = place of transport
Railways = Railway station
Hence, option (b) is inconsistent with the others.

52. Four names have been given out of which three are compatible in some way and one is inconsistent. Select an inconsistent name.
(a) Nikola Tesla
(b) Thomas Edison
(c) Christopher Columbus
(d) James Watt

RRB NTPC 03.04.2021 (Shift-II) Stage-1st

Ans. (c) : From the given options, option (c) is odd because Christopher Columbus was a sailor who discovered America during his sea voyage. Nikola Tesla, Thomas Edison and James Watt are scientist, they are similar.

53. Out of the four words listed, three are alike in some manner and one is different. Select the odd one.
(a) Tendon (b) Nose
(c) Ligament (d) Bone

RRB NTPC 31.07.2021 (Shift-II) Stage-1st

Ans. (b) : Tendon, Ligament and Bone are the internal parts of the body while the Nose is the external part which is different from other.

54. Four animals have been given out of which three are alike in some manner and one is different. Select the odd one.
(a) Goat (b) Dog
(c) Sheep (d) Cow

RRB NTPC 11.01.2021 (Shift-II) Stage-1st

Ans. (b) : Goat, Sheep and Cow are herbivorous animals whereas dog is omnivorous animal.
Hence, option (b) is odd one.

55. Out of the musical instruments listed, three are alike, in some manner and one is different. Select the odd one.
(a) Violin (b) Sitar
(c) Guitar (d) Piano

RRB NTPC 22.01.2021 (Shift-II) Stage-1st

Ans. (d) : According to the question, Piano is a keyboard instrument, while others are string instruments.

56. Four word-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Sikhism : Shri Guru Nanak Dev Ji
(b) Jainism : Mahavir
(c) Buddhism : Gautam Buddha
(d) Humayun : Mughal

RRB NTPC 28.01.2021 (Shift-I) Stage-1st

Ans. (d) : Options (a), (b) and (c) have religious and their founder name given while option (d) is related to Mughal dynasty.
Therefore, option (d) is odd one.

57. Out of the four sports listed, three are alike in some manner and one is different. Select the odd one.
(a) Hammer Throw (b) Discus Throw
(c) Badminton (d) Shot Put

RRB NTPC 29.01.2021 (Shift-II) Stage-1st

Ans. (c) : Hammer throw, Discus throw and Shot Put these three games are played by throwing straight hard whereas Badminton Sports are games in which players use a racket (Badminton).

58. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.
Capsicum, Brinjal, Potato, Ladyfinger
(a) Brinjal (b) Ladyfinger
(c) Capsicum (d) Potato

RRB NTPC 30.01.2021 (Shift-II) Stage-1st

Ans. (d) : Capsicum, Brinjal and Ladyfinger grown above the ground while potato is grown underground.
Hence, option (d) is odd one.

59. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.
Jaipur, Uttarakhand, Dehradun, Kohima
(a) Dehradun (b) Kohima
(c) Jaipur (d) Uttarakhand

RRB NTPC 01.02.2021 (Shift-II) Stage-1st

Ans. (d) : Jaipur, Dehradun, Kohima is capital of Rajasthan, Uttarakhand and Nagaland state respectively. Whereas, Uttarakhand is a district of Assam.
Hence, option (d) is odd one.

60. Four animals name have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Lion (b) Leopard
(c) Tiger (d) Fox

RRB NTPC 08.02.2021 (Shift-II) Stage-1st

Ans. (d) : Lion, Leopard and Tiger all three comes under cats like species while Fox is not. Hence, option (d) is odd one.

61. Four options have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Dream (b) Snore
(c) Meditate (d) Sleep

RRB NTPC 10.02.2021 (Shift-I) Stage-1st

Ans. (c) : Dreams, Snoring and Sleep are all involuntary actions, whereas Meditation is a voluntary action. Hence, option (c) will be required answer.

62. Four options have been given, out of which three are alike in some manner and one is different. Select the odd one.
(a) Diabetes (b) Malaria
(c) Tuberculosis (d) Paracetamol

RRB NTPC 10.02.2021 (Shift-I) Stage-1st

Ans. (d) : Diabetes, Malaria and Tuberculosis are the diseases, which paracetamol is the medicine used to treat fever and mild to moderate pain.

63. Pick out the odd pair

(a) Cloth – Apparel (b) Wheat – Cloth
(c) Ice – Water (d) Milk – Tea

RRB NTPC 12.02.2021 (Shift-1) Stage Ist

Ans. (b) : Cloth is made of Apparel, Water is made of Ice and Tea is made of Milk. All these are same but wheat is not related with cloth. So option (b) is different.

64. Pick the odd one out:
Satpura, Vindhya, Aravali, Guru Shikhar

(a) Guru Shikhar (b) Satpura
(c) Aravali (d) Vindhya

RRB NTPC 12.02.2021 (Shift-1) Stage Ist

Ans. (a) : Satpura, Vindhya and Aravali are mountain range while Guru Shikhar is highest peak of Aravali range.
So, option (a) is appropriate.

65. Out of the four organs listed, three are alike in some manner and one is different. Select the odd one.

(a) Liver (b) Kidney
(c) Stomach (d) Large Intestine

RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (b) : Liver, Stomach and Large Intestine all are organs of the digestive system, while 'Kidney' is the part of the excretory system.

66. Out of the four words listed, three are alike in some manner and one is different. Select the odd one.

(a) Keyboard (b) Motherboard
(c) Mid (d) Printer

RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (c) : Keyboard, Motherboard and Printer are the parts of the computer, whereas Mid is a company. Hence, Mid is different from the other.

67. Select the option that is different from the rest.

(a) Dialogue (b) Bark
(c) Roar (d) Bear

RRB NTPC 08.03.2021 (Shift-1) Stage Ist

Ans. (a) : 'Bark', 'Bear' and 'Roar' all three are related to wild animals, whereas 'Dialogue' is related to man.

68. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one?

(a) Speed (b) Brake
(c) Accelerator (d) Clutch

RRB NTPC 09.03.2021 (Shift-1) Stage Ist

Ans. (a) : Brake, Accelerator and Clutch are the part of vehicle, whereas speed is the rate of change of position of vehicle.
So, option (a) are different from others.

69. Four words have been given, Out of which three are alike in some manner and One is odd. Find the odd one.

(a) Elephant (b) Tiger
(c) Wolf (d) Leopard

RRB NTPC 12.03.2021 (Shift-1) Stage Ist

Ans. (a) : Wolf, Tiger and Leopard these three are carnivorous, while Elephant is herbivorous. Hence, option (a) is odd one.

70. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) Advocate (b) Teacher
(c) Inspector (d) Doctor

RRB NTPC 13.03.2021 (Shift-I) Stage Ist

Ans. (c) : In the given options 'Inspector' is different from others because it is post, while Advocate, Teacher and Doctor are profession.

71. Pick the odd one out.

(a) Milkshake (b) Milk Dairy
(c) Chocolate Milk (d) Milk Cake

RRB NTPC 13.03.2021 (Shift-I) Stage Ist

Ans. (b) : Option (b) is different from the other four because rest of the words are formed with the help of milk, whereas milk is a physical product.

72. Select the option that is different from the rest.

(a) Mortar – Carpentry (b) Scalpel – Surgery
(c) Chisel – Carpentry (d) Needle-Embroidery

RRB NTPC 14.03.2021 (Shift-I) Stage Ist

Ans. (a) : Saw or Scalpel is related to the surgery, Chisel is related to the Carpentry and Needle is related to the Embroidery but Mortar is not related to carpentry. Hence, option (a) is different from others.

73. Four ranks have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) Brigadier (b) Admiral
(c) Colonel (d) General

RRB NTPC 13.03.2021 (Shift-II) Stage Ist

Ans. (b) : General, Brigadier and Colonel are the post in Army but Admiral is the post in Navy. Hence, option (b) is odd one.

74. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) Goldsmith (b) Doctor
(c) Blacksmith (d) Carpenter

RRB NTPC 21.03.2021 (Shift-II) Stage Ist

Ans. (b) : Except Doctor, all three are specialized with their work. Hence, option (b) is odd one.

75. Out of the four words listed, three are alike in some manner and one is different. Select the odd one.

(a) MA Chidambaram Stadium
(b) Eden Gardens
(c) Salt Lake Stadium
(d) Wankhede Stadium

RRB NTPC 21.03.2021 (Shift-II) Stage Ist

Ans. (c) : Salt Lake Stadium is a football stadium, while Wankhede, Eden Gardens and MA Chidambaram stadiums are cricket stadiums. Hence, option (c) is odd one.

76. Four pairs of words are given, select odd one out.

(a) Angle : Angular (b) Poverty : Poor
(c) Richness : Rich (d) Adversity : Prosperity

RRB NTPC 31.03.2016 Shift : III

Ans. (d): On checking options,

Angle (N) → Angular (Adj)
Poverty (N) → Poor (Adj)
Richness (N) → Rich (Adj)
Adversity (N) → Prosperity (N)

Noun and its adjective are given in all three options while in option (d) the both words are Noun.

77. Which of the following is not related to the group.

A. Rich B. Window
C. Door D. Shutter

(a) C (b) D
(c) A (d) B

RPF Constable 17.01.2019 Shift : I

Ans. (a): Window, door and shutter is related to house, whereas rich is different to this group.
Hence, option (a) is different from the group.

78. Which of the following does NOT belong to the group.

A. Mauve B. Purple
C. Green D. Pillar

(a) C (b) B
(c) D (d) A

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (a): In the following, Mauve, purple and green are indicated to the colours, whereas 'Pillar' belong to the 'Architecture' and it does not indicate to the colour. So, 'Pillar' does not belong to this group.

79. Which of the following does NOT belong to this group.

A. Banana B. Lychee
C. Lettuce D. Kiwi

(a) D (b) B
(c) A (d) C

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (d): In the given options, Banana, Lychee and Kiwi are a type of fruit, whereas lettuce is a type of grain. So, lettuce does not belong to this group.

80. Select that word which is not belongs to the group.

(a) Hip-Hop (b) Odissi
(c) Kathakali (d) Bhartanatyam

RRB Group-D – 20/09/2018 (Shift-II)

Ans. (a): Kathakali, Bhartanatyam and Odissi are the Indian classical dances, whereas Hip Hop is a foreign dance style.

81. Which of the following does NOT belong to this group.

A. Circle B. Volume
C. Square D. Rectangle

(a) A (b) B
(c) C (d) D

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (b): In the given group, circle, square and rectangle are a geometric shape, whereas volume is a geometric measurement.

82. Which of the following does NOT belong to this group.

(A) Rub (B) Shirking
(C) Gap (D) Crack

(a) A (b) B
(c) C (d) D

RRB Group-D – 20/09/2018 (Shift-II)

Ans. (b): In the given group, rub, gap and crack are the synonyms of each other, and shirking is different of these three. So, option (b) is not related to this group.

83. Find the odd from given options.

(a) Lead (b) Steel
(c) Blade (d) Spoon

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (a): Steel, Blade and Spoon is made up of different elements, whereas lead (Pb) is an element. So lead is odd from given options.

84. Which is odd from the following?

A. Dog B. Goat
C. Cow D. Lion

(a) C (b) D
(c) B (d) A

RRB Group-D – 30/09/2018 (Shift-II)

Ans. : (b) Dog, Goat and Cow is a pet/domestic animal, whereas Lion is a wild animal. So, Lion is not belong to this group.

85. Which of the following does NOT belong to this group.

A. Fox B. Goat
C. Horse D. Zebra

(a) A (b) B
(c) D (d) C

RRB Paramedical 21.07.2019 Shift : II

Ans. (d): Fox is a carnivorous animal, whereas goat, horse and zebra are herbivorous animals. So, fox is different from others.

86. Which of the following does NOT belong to this group.

A. Ant B. Caterpillar
C. Hamster D. Locust

(a) A (b) C
(c) B (d) D

RRB Group-D – 18/09/2018 (Shift-II)

Ans. (b): Hamster is a type of rat which belong to the species of animal whereas Ant, Caterpillar and Locust are related to the insects.

87. Select that is not belongs to group.

(a) Hydrogen (b) Aluminium
(c) Gold (d) Silver

RPF Constable 20.01.2019 Shift : II

Ans. (a): Hydrogen is a gas, whereas Aluminium, Gold and Silver are metals.

88. Which of the following does NOT belong to this group.

A. Spoon B. Fork
C. Ladle D. Spatular

(a) A (b) B
(c) C (d) D

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (d): All other items are used in the kitchen except spatular. So, spatular is different from this group.

89. Which of following is different from other.

A. Axe B. Blade
C. Knife D. Spanner
(a) B (b) A
(c) D (d) C

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (a) Axe, Blade and Knife are cutting tools whereas spanner is used to open or tight of bolt. So, spanner is different from group.

90. Which of the following does NOT belong to this group ?

A. Aluminium B. Iron
C. Bakelite D. Brass
(a) C (b) D
(c) B (d) A

RRB Group-D – 22/09/2018 (Shift-III)

Ans. (a) Bakelite is a thermosetting plastic, and it is non-conductor of heat and electricity, it is used to make plastic switches and pot handles etc.... Whereas Aluminium, Iron and Brass are the conductor of electricity. So, Bakelite does not belong to this group.

91. Which of the following does NOT belong to similar group?

A. Wet Soil B. Clay soil
C. Earth D. Plastic
(a) A (b) D
(c) B (d) C

RRB Group-D – 25/09/2018 (Shift-II)

Ans. (b) : Plastic is not related to the given group. Because it is formed by artificial whereas remain three are from natural form.

92. Which of the following does NOT belong to this group ?

A. Jam B. Jelly
C. Squash D. Lemon
(a) B (b) D
(c) A (d) C

RRB Group-D – 20/09/2018 (Shift-III)

Ans. (b) Lemon is not related to this group, because this is not a fruit product. All others are products derived from fruits. So, lemon does not belong to this group.

93. Which of the following does NOT belong to this group ?

(a) Clip (b) Pin
(c) Band (D) Towel
(a) A (b) D
(c) C (d) B

RRB Group-D – 20/09/2018 (Shift-II)

Ans. (b) All items are fruit products except towel. So, towel does not belong to this group.

94. Which of the following does NOT belong to this group

A. Tunnel B. Bunker
C. Well D. House
(a) C (b) D
(c) B (d) A

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (b) : House is different from the group. Tunnel, Well and Bunker have depth. But house does not have depth.

95. Name of four birds are given below three of which related in some way and one is different Select the different.

(a) Vulture (b) Penguin
(c) Emu (d) Ostrich

RPF 17.01.2019 Shift - II

Ans. (a) : Penguin ——→ Antarctica
Emu ——→ Australian Australia
Ostrich ——→ Kalahari Desert
Three these birds (Emu, Penguin, Ostrich) are unable to fly whereas vulture can fly. So, vulture does not belong to this group.

96. Three of four options below are related in a certain way. Select the option that is different from other.

(a) Pig (b) Kite
(c) Nest (d) Honey bee

RRB Group-'D' 07/11/2018 (Shift-I)

Ans. (a) : Pig, Kite and Honey bee is a living beings. Whereas Nest is a habitat for the birds. Hence, option (a) is different.

97. Three of four options below are related in a certain way. Select the option that is different from other.

(a) Mammals (b) Reptiles
(c) Aves (d) Ostrich

RRB Group-D – 06/12/2018 (Shift-III)

Ans. (d) Mammals, Reptiles and Aves are classes. Whereas Ostrich is a species.

98. Select the odd one from following.

(a) Diamond (b) Fibre Glass
(c) Glass (d) Copper

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (d) Diamond, Fibre glass and Glass are non metal. Whereas Copper is a metal. So, Copper is different from others.

99. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Tokio (b) Kuwait
(c) Pyon (d) Wan

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (b) Tokio (Bangladesh), Pyon (Qatar) and Wan (Kuwait) are currencies, whereas Kuwait is a country which is different from these others.

100. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Kohima (b) Gangtok
(c) Odisha (d) Patna

RRB Group-D – 11/11/2018 (Shift-I)

Ans. (a) In the above, Kohima is the capital of Nagaland, Gangtok is the capital of Sikkim and Patna is the capital of Bihar, while Odisha itself is a state. Hence, Odisha is different from all others.

101. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Rice (b) Sound
(c) Wire (d) Gate

RRB Group-D – 11/12/2018 (Shift-II)

Ans. (a) : Rice, sound and gate are made whereas 'wire' is a priority. Hence, wire is different from all others.

102. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Heart (b) Eyes
(c) Hand (d) Nose

RPF Constable 20.01.2019 Shift : II

Ans. (a) : Eyes, Hand and Nose are the exterior part of our body. But, Heart is the interior part of our body. So, Heart is different from all others.

103. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Kidney (b) Liver
(c) Lungs (d) Nose

RRB Group-D – 11/12/2018 (Shift-II)

Ans. (d) : Kidney, Liver and Lungs are the interior part of our body but Nose is the exterior part of our body. So, Nose is different from all others.

104. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Ravi (b) Satluj
(c) Chenab (d) Yamuna

RRB Group-D – 10/12/2018 (Shift-I)

Ans. (d) Ravi, Satluj and Chenab are the tributary of Indus River. These three originate in Indian territory and pass from into Pakistan, whereas Yamuna is a tributary of Ganga.

105. Three of four options below are related in a certain way. Select the option that is different from others.

(a) Spider (b) Butterfly
(c) Mosquito (d) Cockroach

RRB Group-D – 12/11/2018 (Shift-II)

Ans. (a) : In the given options spider cannot fly whereas butterfly, mosquito and cockroach can fly. So, spider does not belong to this group.

106. Which of the following is not a member of the group ?

A. Plastic B. Floor
C. Roof D. Door

(a) D (b) B
(c) A (d) C

RPF SI 06.01.2019 Shift : I

Ans : (a) All other things are included in formation of house except plastic. So, plastic is different from others.

107. Select the odd from given options.

(a) Shutter (b) Door
(c) Window (d) Roof

RRB Group-D – 24/10/2018 (Shift-III)

Ans. (d) Door shutter, door and window are the important things for building material, whereas roof is odd from given options.

108. Three of four options below are related in a certain way. Select the option that is different from other.

(a) Parrot (b) Eagle
(c) Rabbit (d) Swan

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (c) Parrot, Eagle and Swan are birds, whereas Rabbit is an animal. Hence Rabbit is odd from given options.

109. Which is not related from this group?

A. Mobile B. Laptop
C. Palmtop D. Blender

(a) B (b) D
(c) A (d) C

RRB Group-D – 23/10/2018 (Shift-II)

Ans. (b) In the given words blender is different because all other are means of communication, whereas blender is a 3-D animation software.

110. Which of the following does NOT belong to this group ?

Biscuit, Cake, Bread, Chocolate

(a) Biscuit (b) Bread
(c) Chocolate (d) Cake

RRB Group-D – 08/10/2018 (Shift-III)

Ans. (c) : Biscuit, Cake and Bread are made from the flour of wheat, whereas Chocolate does not make from wheat. So it is clear that Chocolate is different to others.

111. Identify the odd one out.

A. Flower B. Wood
C. Leaves D. Stem

(a) D (b) C
(c) B (d) A

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (a) : Flower, leaves and stem are the part of tree whereas wood is different from the group.

112. Which of the following does NOT belong to this group ?

A. Nail B. Hair
C. Arm D. Toe

(a) A (b) B
(c) D (d) C

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (d) Nail, Hair and Toe are the integral part of our body, whereas Arm is a skin disease or that which is different from these four.

113. Which of the following does NOT belong to this group ?

A. Cotton B. Wool
C. Rayon D. Cardboard

(a) D (b) D
(c) A (d) C

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (b) Cotton, Wool and Rayon are the fibre, whereas cardboard means carton which is different from these three.

114. Three pairs are similar in a certain way and one pair is different from others. Which is different from other three?

(a) Flower : Petal (b) Chair : Leg
(c) Circle : Arc (d) Cover : Surface

RRB NTPC 30.04.2016 Shift : II

Ans. (d) Petal is a part of flower, Leg is a part of chair and Arc is a part of circle, but surface is not related to cover.
Hence, option (d) is odd one.

115. Three pairs are similar in a certain way and one pair is different from following four pairs. Which is different from other three?
(a) Student : Scholar (b) Paddy : Straw
(c) Soldier : Warrior (d) Politician : Leader

RPF Constable 17.01.2019 Shift : III

Ans. (b) Paddy : Straw is different from all other options because A good student is a "scholar", A good soldier is a "Warrior", A good politician is a "Leader". So, option (b) is not related to these.

116. Four pairs of words are given. Select odd one from the following.
(a) White : Ice (b) Red : Blood
(c) Brown : Sky (d) Green : Grass

RRB NTPC 06.04.2016 Shift : I

Ans. (c) Sky colour is blue not brown. So, Brown : Sky is different from all others.

117. From the following four word pairs three are similar in a certain way however one is different from other three. Choose the one which is different from other three.
(a) Mason : Wall (b) Cobbler : Shoes
(c) Farmer : Crop (d) Cook : Chef

RRB NTPC 07.04.2016 Shift : I

Ans. (d) : Cook and Chef are synonyms of each other. Hence, option (d) is different from others.

118. Select odd.
(a) Cousins (b) Cuffin
(c) Nieces (d) Parents

RPF Constable 10.01.2019 Shift : I

Ans. (b) : Cousins, Nieces and Parents are blood relatives whereas Cuffin is not blood relative.
Hence, option (b) is odd one.

119. Identify the odd one from the list below.
(a) Stream (b) Bridge
(c) Canal (d) River

RRB NTPC 12.04.2016 Shift : III

Ans. (b) Stream, Canal and River have water except Bridge. Hence, Bridge does not belong to the group.

120. From the following four word pairs three are similar in a certain way however one is different from other three. Choose the one which is different from other three.
(a) Wide : Detailed (b) Light : Heavy
(c) Dirty : Small (d) Big : Vast

RRB NTPC 12.04.2016 Shift : I

Ans. (b) Except the pair of option (b) the words given in all other pairs are synonyms of each other.

121. Choose the one which is odd from the following.
(a) Rupee (b) Lira
(c) Yen (d) Dinar

RRB NTPC 14.04.2016 Shift : III

Ans. (a) Lira is different from others because all are currencies of different countries.
Hence, option (a) is odd one.

122. Choose the one which is different or odd from the following options.
(a) Lion (b) Tiger
(c) Horse (d) Giraffe

RRB NTPC 14.04.2016 Shift : I

Ans. (c) In the given options Lion, Tiger and Giraffe are wild animals, whereas horse is a domestic animal. So Horse is different from others.

123. One of the four words in a word group is which the other three members belong. Identify the category group.
(a) Chair (b) Table
(c) Sofa set (d) Furniture

RRB NTPC 20.04.2016 Shift : III

Ans. (d) Chair, Table and Sofa set all are related to furniture. So furniture is category group.

124. Identify odd one from these.
School, Principal, Teacher, Student
(a) School (b) Teacher
(c) Student (d) Principal

RRB NTPC 10.01.2017 Shift : II

Ans. (a) School is different because Principal, Student and Teacher are related to school.

125. Choose one from the group below that is not the same as the others.
Lizard, Snake, Crocodile, Reptiles
(a) Snake (b) Lizard
(c) Crocodile (d) Reptiles

RRB NTPC 14.01.2017 Shift : I

Ans. (d) Snake, Lizard and Crocodile are related to reptiles. Hence, in these four options reptiles are different.

126. Choose the one which is completely different from the following.
Cow, Dinosaur, Lion, Snake, Monkey
(a) Cow (b) Dinosaur
(c) Snake (d) Monkey

RRB NTPC 20.03.2018 Shift : III

Ans. (b) Apart from dinosaurs, all other organisms are found in our ecological systems, whereas dinosaurs is a extinct organism.

127. Four paired words are given below. Find the different pair of these.
(a) Mercury : Fluid (b) Gangrender : Solid
(c) Compiler : Gas (d) Helium : Gas

RRB NTPC 31.03.2016 Shift : I

Ans. (c) Compiler is a solid state whereas other options are paired correctly. So, option (c) is different pair of these.

128. Identify the different from following.
(a) Argon (b) Neon
(c) Xenon (d) Hydrogen

RRB NTPC 06.04.2016 Shift : III

Ans. (d) Except Hydrogen, Argon Neon and Xenon are inert gases.
Hence, option (d) is different from others.

129. Four pair of words given select the different from these.
(a) After : Before
(b) Successive : Predecessor
(c) First : Second
(d) Future : Past

RRB NTPC 04.04.2016 Shift : I

Ans. (a) Except option (a) all other words have opposite pairs.

130. Four pair of words given. Select the different from these.
(a) Circular : Circle
(b) Rectangular : Rectangle
(c) Diagonal : Square
(d) Linear : Line

RRB NTPC 19.8.2016 Shift : 1

Ans. (c) : In the given options, 'Circular' shape is called 'circle'. 'Rectangular' shape is called 'rectangle' and 'Linear' shape is called 'Line'. Whereas 'Diagonal' means inside the square. Hence, option (c) is different from all others.

131. Find the odd one with respect to Indian parliament.
(a) Budget Session (b) Summer Session
(c) Monsoon Session (d) Winter Session

RRB NTPC 05.04.2016 Shift : 1

Ans. (b) Generally, there are three sessions of parliament every year.
1. Budget session (February-May)
2. Monsoon session (July-August)
3. Winter session (November-December)
Hence, option (b) summer session is odd one.

132. Select the odd one from given series.
Tortoise, Crab, Frog, Fish

A	B	C	D
(a) B		(b) A	
(c) C		(d) D	

RRB ALP & Tec. (14-08-18 Shift-1)

Ans. (d) : Tortoise, Crab and Frog can live in both water and land but Fish only live in water. Hence, Fish is the odd-Alien.

133. Which of the following words does NOT belong with the others ?
(a) Saturn (b) Earth
(c) Venus (d) Jupiter

RRB ALP & Tec. (14-08-18 Shift-1)

Ans. (b) : Earth is different from other planets like Saturn, Venus and Jupiter because life is found only on the earth.

134. Select that person which is not belong to the same group.
(a) Thomas Edison
(b) Virat Kohli
(c) Alexander Graham Bell
(d) Albert Einstein

RRB Group-D – 17/09/2018 (Shift-1)

Ans. (b) Virat Kohli is related to cricket game who is an Indian player and other three are foreign scientist.

135. Select odd one from following group.
(a) Desktop Computer (b) Mobile Phone
(c) Ipad (d) Laptop

RRB Group-D – 10/10/2018 (Shift-1)

Answer The desktop is a personal computer the regular one is one place while other are movable devices. Hence, it is different from the others.

136. Three of four options below are related in a certain way. Select the option that is different from others.
(a) Axis Bank (b) SBI Bank
(c) HDFC Bank (d) ICICI Bank

RPF SI 06.01.2019 Shift : II

Ans. (b) : State bank of India (SBI) is a nationalized bank whereas, Axis Bank, HDFC Bank, ICICI Bank are not nationalized bank.
Hence, SBI Bank is different from others.

137. Select the odd one from given options.
(a) Mars (b) Sun
(c) Neptune (d) Uranus

RRB JE – 27/06/2019 (Shift-III)

Ans. (b) : Mars, Neptune and Uranus are a planet, whereas Sun is a star. So, Sun is different from others.

138. Select the odd one from given options.
(a) Chess (b) Football
(c) Baseball (d) Volleyball

RRB JE – 01/06/2019 (Shift-I)

Ans : (a) Football, Baseball and Volleyball are outdoor games whereas Chess is a indoor game. Hence, Chess is different from others.

139. Select the odd one from given options.
(a) Student (b) Head Master
(c) Principal (d) Head Teacher

RRB JE – 27/06/2019 (Shift-III)

Ans. (a) : Head master, principal and head teacher are head to a particular post of school, whereas student is not head to any post of school. So, student is different from others.

140. Select the odd one from given options.
(a) Profit : Loss (b) Heavy : Thick
(c) Birth : Death (d) Near : Away

RRB JE – 23/09/2019 (Shift-II)

Ans. (b) : Except the pair of option (b) all other word pairs are antonyms of each other.

141. Select the odd one from following.
Si, P, Ge, and Ar
(a) Ar (b) Ge
(c) Si (d) P

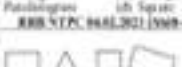
RRB Group-D – 22/09/2018 (Shift-I)

Ans. (d) : In the given elements P (Phosphorus) is a non-metal, whereas other (Silicon(Si), Germanium(Ge), Argon(Ar)) As are semi metals.

142. Pick the odd one out.
Rectangle, Triangle, Square, Parallelogram
(a) Rectangle (b) Triangle
(c) Parallelogram (d) Square

RRB NTPC 04.02.2021 (Shift-I) Stage-04

Ans. (b) :



Explanation Rectangle, square and parallelogram have four sides whereas triangle has three sides, so triangle is incomplete shape so it is. Hence, option (b) is correct.

Type - 2

143. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.
(a) KMF (b) UNQ
(c) PSL (d) JMF

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (a) : From options

(a) E $\xrightarrow{-2}$ +N $\xrightarrow{-2}$ +P

(b) U $\xrightarrow{-2}$ +R $\xrightarrow{-2}$ +Q

(c) P $\xrightarrow{-2}$ +K $\xrightarrow{-2}$ +L

(d) J $\xrightarrow{-2}$ +M $\xrightarrow{-2}$ +P

Hence, option (a) is odd one.

144. Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the one that is different.

(a) GEM (b) HIQ

(c) KIQ (d) VWE

RRB NTPC (Stage-II) - 15/06/2022 (Shift-II)

Ans. (b) : From options

(a) G $\xrightarrow{-2}$ +E $\xrightarrow{-2}$ +M

(b) I $\xrightarrow{-2}$ +H $\xrightarrow{-2}$ +Q (Different)

(c) K $\xrightarrow{-2}$ +I $\xrightarrow{-2}$ +O

(d) V $\xrightarrow{-2}$ +W $\xrightarrow{-2}$ +Z

Hence, option (b) is odd one.

145. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

(a) DIH (b) HFM

(c) NJX (d) JGO

RRB NTPC (Stage-II) - 17/06/2022 (Shift-I)

Ans. (d) : From options

(a) D $\xrightarrow{-2}$ +B $\xrightarrow{-2}$ +I

(b) H $\xrightarrow{-2}$ +F $\xrightarrow{-2}$ +M

(c) N $\xrightarrow{-2}$ +L $\xrightarrow{-2}$ +X

(d) J $\xrightarrow{-2}$ +G $\xrightarrow{-2}$ +I (different)

Hence, option (d) is odd one.

146. Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) ACED (b) IGJL

(c) EGFH (d) MNPO

RRB NTPC 28.12.2020 (Shift-I) Stage Ist

Ans. (d) : From the options -

Hence, it is clear that option (d) is different among all.

147. Four letter clusters have been given out of which three are alike in some manner and one is different. Select the odd one -

(a) DILE (b) VYXW

(c) PSRQ (d) CODT

RRB NTPC 05.01.2021 (Shift-I) Stage Ist

Ans. (d) : From the given options.

(a) I $\xrightarrow{-2}$ +M $\xrightarrow{-2}$ +Q $\xrightarrow{-2}$ +E

(b) V $\xrightarrow{-2}$ +Y $\xrightarrow{-2}$ +X $\xrightarrow{-2}$ +W

(c) P $\xrightarrow{-2}$ +K $\xrightarrow{-2}$ +R $\xrightarrow{-2}$ +Q

(d) C $\xrightarrow{-2}$ +G $\xrightarrow{-2}$ +E $\xrightarrow{-2}$ +F

Hence, it is clear that option (d) is different.

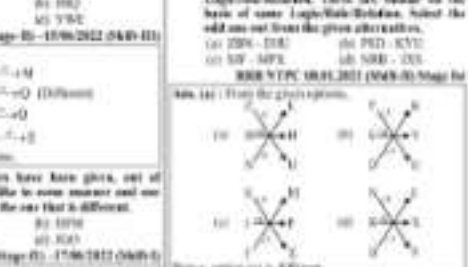
148. In the following question, four letter pairs are given. The letters on left side of (:) is related to the letters on the right side of (:) with some Logic/rule/Relation. There are similar on the basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

(a) ZBN - DIE (b) PED - KYU

(c) MF - MPX (d) NRB - DIX

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (a) : From the given options.



Hence, option (a) is different.

149. Out of the four letter-clusters (here), three are alike in some manner and one is different. Select the odd one.

(a) MOQS (b) SUWY

(c) HIFH (d) EAIP

RRB NTPC 22.01.2021 (Shift-II) Stage Ist

Ans. (d) : From the given options.

Hence, option (d) is odd one.

150. Select the odd one from given options.

(a) LO (b) TW

(c) EB (d) PV

RRB JE - 01/06/2019 (Shift-III)

Ans. (d) : From options -

It is clear that option (d) is different from others.

151. Identify the odd one out in following.

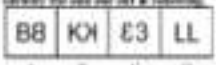
(a) A (b) C

(c) B (d) D

RPF Constable 19.01.2019 (Shift - II)

Ans. (b) : According to the English alphabet :
A = 1
D = 4
E = 5 (+1)
F = 6
Hence, figure 'C' is different.

142. Identify the odd one out in following.

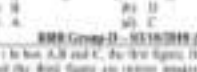


(a) B (b) D
(c) A (d) C

RRB Group-D – 03/10/2018 (Shift-II)

Ans. (b) : In box A,B and C, the first figure, the second figure and the third figure are mirror images of each other while in box D both figure is an equal. So, box D is different.

143. Select the different from this.

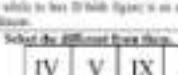


(a) C (b) B
(c) D (d) A

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (a) : The figure D is different because in all other figure number has written in roman number but in figure D it is written in simple form.

144. Identify the odd one out in following.



(a) B (b) A
(c) C (d) D

RRB Group-D – 08/10/2018 (Shift-II)

Ans. (a) : There is no change in the mirror image of figure A, B and D except figure C.

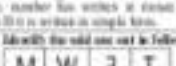
145. Find the different from following.

(a) D (b) C
(c) A (d) B

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (b) : Figure C is different because all other shapes are made up of straight line but figure 'C' is made from circular line.
Hence, option (b) is correct.

146. Find the odd one out from given figures.



(a) B (b) D
(c) C (d) A

RRB Group-D – 10/10/2018 (Shift-II)

Ans. (b) : Figure D is different because except figure D in other three figure the letters are made by only two straight lines.

147. Find the odd one out.

(a) A (b) C
(c) D (d) B

RRB Group-D – 12/10/2018 (Shift-III)

Ans. (c) : Figure D is different because in other figure their alphabetical order is correctly written under the letter of the alphabet.

148. Find the odd one out :

(a) B (b) C
(c) D (d) A

RRB Group-D – 12/10/2018 (Shift-III)

Ans. (c) : Letter of English alphabet is in figure D, whereas all others are mathematical representation. Hence, option (c) is odd one.

149. Select the different figure from following.

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (b) : According to the options,

Except the figure of option (b), the mirror image of the other figure is made.

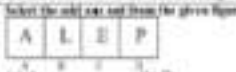
150. Which is not related to group?

(a) A (b) D
(c) C (d) B

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (a) A is a vowel in English alphabet whereas all others are consonant. So, it is not related to the group.

151. Select the odd one out from the given figures.

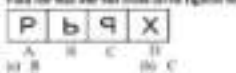


(a) A (b) D
(c) C (d) B

RRB Group-D – 03/12/2018 (Shift-III)

Ans. (b) Straight line is used in making A, L and P, whereas straight line and curve is used in letter P. So, figure D is different from the group.

152. Find the odd one out from given figures below.



(a) B (b) C
(c) D (d) A

RPF 02.06.01.2019 Shift - III

Ans. (a) : Water and Mirror image are obtained differently of letter 'P' whereas water and mirror image are equal in base letter of 'K'. Hence, figure 'D' is different.

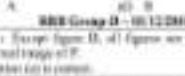
163. Find the odd one out from given figures below.

(a) D (b) C
(c) A (d) B

RRB Group D – 05/12/2018 (Shift-II)

Ans. (a) : For opt. figure D, all figures are water and mirror or real image of P.
Hence, option (a) is correct.

164. Find the odd one out from given figures below.

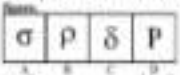


(a) B (b) D
(c) A (d) C

RRB Group D – 27/11/2018 (Shift-II)

Ans. (b) : L, T and V is made up of two lines, whereas M is made up of four lines. Hence, figure D is different from others.

165. Identify the odd one out from the following figures.



(a) D (b) C
(c) A (d) B

RRB Group D – 15/11/2018 (Shift-II)

Ans : (d) σ, ρ, δ are the sign of physics, whereas P is a letter of English alphabet.
Hence, option (d) is odd one.

166. Four word are given below three of which related in some way and one is different select the different word.

(a) MNO (b) GIK
(c) MLE (d) UWV

RRB Group D – 30/10/2018 (Shift-II)

Ans. (a) : From the given options,

(a) M $\xrightarrow{+2}$ N $\xrightarrow{+2}$ O
(b) G $\xrightarrow{+2}$ I $\xrightarrow{+2}$ K
(c) A $\xrightarrow{+2}$ C $\xrightarrow{+2}$ E
(d) U $\xrightarrow{+2}$ W $\xrightarrow{+2}$ Y

Hence, option (a) is different.

167. Find the odd one out.

E	I	V	Z
5	20	46	26

A B C D

(a) B (b) D
(c) A (d) C

RRB Group D – 26/10/2018 (Shift-II)

Ans. (d) : Place value of English letters is given in question whereas place value of V is given wrong, place value of V = 22. So, figure C is odd.

168. Select the letter cluster that is different the others.

(a) RST (b) MOQ
(c) EFG (d) KLM

RRB ALP CBT 1 Etg. – Mar. 15/01/2019 (Shift-II)

Ans. (b) : From the given options

(a) R $\xrightarrow{+1}$ S $\xrightarrow{+1}$ T
(b) M $\xrightarrow{+1}$ O $\xrightarrow{+1}$ Q
(c) E $\xrightarrow{+1}$ F $\xrightarrow{+1}$ G
(d) K $\xrightarrow{+1}$ L $\xrightarrow{+1}$ M

Hence, it is clear that option (b) is different from others.

169. Find the odd one out.

M	T	R	Z
10	20	5	26

A B C D

(a) B (b) C
(c) D (d) A

RRB Group D – 26/10/2018 (Shift-II)

Ans. (d) : Place value of letter is given in box B,C,D, whereas place value of M is given wrong in box A. Right place value of M will be 13. Hence, option (d) is correct.

170. Find the odd one out.

A B C D

(a) A (b) B
(c) C (d) D

RRB Group D – 25/10/2018 (Shift-III)

Ans. (d) : Here letters of the English alphabet are displayed along with their place, in the English alphabet. Which should have F/5 at the place of U/5. Hence, U/5 is different.

171. Find the odd one out.

N	D	A	Z

A B C D

(a) B (b) D
(c) C (d) A

SSC Constable (T-II) 2019 Shift – II

Ans. (a) Figure B is odd because in all other figures three straight lines is used.
Hence, option (a) is correct.

172. Find the odd one out.

A B C D

(a) A (b) B
(c) C (d) D

RRB Group D – 08/10/2018 (Shift-III)

Ans. (d) : Figure D is odd because M is a letter of English alphabet, whereas α, β and δ is a mathematical symbol.

173. Find the odd one out.

A	B	C	D
588	1210	195	168
867	648	648	828

(a) A (b) B
(c) C (d) D

RRB Group-D – 23/09/2018 (Shift-I)

Ans. (a) : Except of figure A, two letters A and B is written in each set. So, figure A is different from other figure.

174. Find the odd one set.

A	B	C	D
618	136	325	9.22

(a) C (b) D
(c) B (d) A

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (a) : In figure C, the place value in the alphabet of letter is spelled correctly whereas in all other figure the place value in the alphabet of letters is written by one place before. Hence, option (a) is odd one.

175. Find the odd one set.

(A) (B) (C) (D)

(a) B (b) D
(c) C (d) A

RRB Group-D – 18/09/2018 (Shift-III)

Ans. (a) : In the given figures, the letters of the English alphabet are reversed. The letters of figure A, C and D and their corresponding numbers follows this rule while the letters of figure B and their corresponding number do not follow this rule. Hence, figure (b) is odd one.

176. Find the odd one set.

A	B	C	D
L12	N14	P17	R20

(a) B (b) A
(c) D (d) C

RRB Group-D – 18/09/2018 (Shift-III)

Ans. (d) : The letters of the English alphabet and the number of place in the alphabet of these letters are written in all the figures, whereas in figure C it is not written correct.

177. Select odd one set from the following options.

(a) DGIJ (b) JMLK
(c) RFSU (d) URQP

RRB NTPC 29.04.2016 Shift – I

Ans. (a) : In the checking options

(a)

(b)

(c)

(d)

Hence, option (c) is different.

178. Select odd one set from following options.

(a) RPNL (b) ZXVT
(c) CAWV (d) RFED

RRB NTPC 29.04.2016 Shift – I

Ans. (c) : On the checking options

(a) R → P → N → L
(b) Z → X → V → T
(c) C → A → W → V
(d) E → D → F → G

So, it is clear that CAWV is different to all these.

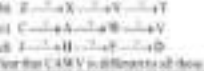
179. Select odd one set from following options.

(a) SLNFL (b) ZUPKU
(c) LAWCP (d) TRUXP

RRB NTPC 29.04.2016 Shift – I

Ans. (d) Except in option (d), all other options contain vowel letters.
Hence, option (d) is odd one.

180. Select the odd figure out of the given series.



A B C D

(a) B (b) C
(c) A (d) D

RRB ALP & Tec (29-08-18 Shift-II)

Ans. (b) : In English Alphabet M is 13th position.
W = 23rd position
E = 5th position
J = 10th position
Hence, figure 'C' is different from others.

181. Select the figure which does NOT belong to the group :

1 2 3 4

(a) 4 (b) 1
(c) 3 (d) 2

RRB ALP & Tec (1-08-18 Shift-I)

Ans. (a) : In Fig. 1, Fig. 2, and Fig. 3, three straight lines are used to make the letters, while four straight lines are required to form the letter given in figure 4. Hence, figure 4 does not belong to the group.

182. Select the different sign from following term.

1 2 3 4 5

(a) 1 (b) 2
(c) 4 (d) 3

RPF Constable 22.01.2019 Shift – II

Ans. (c) :

In the above series all are vowels except I. Hence, I is different from other letters.

183. Select the letter which is different from other.

P	E	I	O	U

(1) (2) (3) (4) (5)

(a) 1 (b) 2
(c) 3 (d) 4

RRB Group-D – 26/10/2018 (Shift-I)

Ans. (a) : Except P in figure (1), all others are vowels whereas P is consonant. So, P is different from other letters.

184. Identify the odd one out from following.

(1) (2) (3) (4)

(a) 1 (b) 2
(c) 3 (d) 4

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (a) Except of figure C, in all other three figures the letter are given with their mirror images.

185. Identify the odd one out.

T	V	L	M
A	B	C	D

(a) D (b) C
(c) B (d) A

RRB Group-D – 23/09/2018 (Shift-II)

Ans. (a) : In the given letters, the letter 'M' is different from all other letters because the letters T, V and L are made up of two lines, but the letter 'M' is made up of four lines.

186. Select the odd one out.

(1) (2) (3) (4)

(a) A (b) B
(c) C (d) D

RRB Group-D – 18/09/2018 (Shift-II)

Ans. (d) All the letters of the figure are making water images whereas figure D is not making water image. So, it is different.

187. Select the odd one out.

T	V	N	A
⊥	Λ	N	∀
A	B	C	D

(a) C (b) B
(c) A (d) D

RRB Group-D – 17/09/2018 (Shift-I)

Ans. (a) : It is displayed the water image of alphabets in the figure A, B and D. While in the figure C an alphabet is displayed as same. Hence, the figure C is different from others.

188. Select the odd one out.

π	Σ	J	A
A	B	C	D

(a) B (b) C
(c) D (d) A

RPF SI 05.01.2019 Shift - I

Ans. (a) : 'A' is an alphabet which is given in the figure D, while the remaining figure are the sign of mathematics. Hence, the option (a) is different.

189. Select the odd one out.

NN	T⊥	L J	CO
A	B	C	D

(a) B (b) A
(c) D (d) C

RRB Group-D – 20/09/2018 (Shift-II)

Ans. (a) : The sign of figure B shows the water image of one another, while the remaining figures are mirror image of one another. Hence, figure B is different from others.

190. Select the odd one out.

+	÷	J	D
A	B	C	D

(a) C (b) D
(c) B (d) A

RRB Group-D – 20/09/2018 (Shift-III)

Ans. (b) : In the above figure A, B and D are mathematical sign, while D is a letter of English alphabet. Hence, option (b) is different from other.

191. Select the odd one out from the following.

A	B	C	D
W23	I09	L13	Q17

(a) C (b) B
(c) A (d) D

RRB Group-D – 22/09/2018 (Shift-I)

Ans. (b) : Item B is different from the given options because the value of I is '9' in the English alphabetical order. Hence, option (b) is correct answer.

192. Choose odd one out from the following.

A	B	C	D
K7	W21	A1	D6

(a) B (b) D
(c) C (d) A

RRB Group-D – 26/09/2018 (Shift-I)

Ans. (d) : The letter of figure A is different from the given option because the value of letter 'K' is '240' in the English alphabetical order. Hence, the option (d) is correct.

193. **Choose odd one out from the following.**

−	÷	+	M

A B C D

(a) C (b) D
(c) A (d) B

RRB Group-D – 17/09/2018 (Shift-I)

Ans. (b) : In given figure, D is a letter of English alphabet, while the remaining options are the sign of mathematics.
Hence, option (b) is correct.

194. **Choose odd one out from the following.**

SS	BB	TT	LL

A B C D

(a) C (b) D
(c) A (d) B

RRB Group-D – 17/09/2018 (Shift-II)

Ans. (a) : The letter of figure C is a mirror image of one another among the above figures, while the remaining figures are mirror image of one another.
Hence, option (a) or figure C is the correct answer.

195. **Find the odd one out.**

M	W	E	T

A B C D

(a) D (b) C
(c) B (d) A

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (a) There are four straight lines used in M, W and E alphabet but in the letter "T" it is used only two straight lines. Hence, option (a) "letter" "T" is different from other options.

196. **Identify the odd one out from given figures below.**

E	I	A	K	O

A B C D E

(a) C (b) E
(c) D (d) A

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (a) The letter of figure D "K" is the consonant of English alphabet, while the remaining letters are vowel (E,I,A,O). Hence, figure D "Letter K" is different from other options and it is the correct answer.

197. **Identify the odd one out.**

A	B	C	D
1001	2B	9E	16F

(a) D (b) B
(c) A (d) C

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (d) The letter of figure C (also "E" is the vowel of English alphabet, while the remaining letters are consonant (BDF). Hence, option (d) is different from other options and it is the correct answer.

198. **Which is different from others in given table.**

A	B	C	D
1000	1414	1726	1324
9/19	A/BF	6/10	A/DF

(a) A (b) D
(c) B (d) C

RPF Constable 22.01.2019 Shift : III

Ans. (a) There are two vowels used in figure A (A,I) while single vowel is used in remaining three options. Hence, option (a) is different from others and it is the correct answer.

199. **Choose odd one out from the following.**

A	B	C	D
4	111	14	116

(a) B (b) A
(c) D (d) C

RRB Group-D – 25/09/2018 (Shift-I)

Ans. (a) : In figure B letter is written before the number while in the remaining figure, letters are written after the numbers. Hence the figure B (111) is different from others. So, option (a) is correct answer.

200. **Choose odd one out from the following.**

A	B	C	D
1/2	1/4	1/3	1/6

(a) C (b) B
(c) A (d) D

RRB Group-D – 25/09/2018 (Shift-II)

Ans. (a) : From the given options,

(a) $D = \frac{1}{3} + \frac{1}{2} = 5$

(b) $A + \frac{1}{4} = \frac{12}{4} = 3$

(c) $B = \frac{13}{7} = \frac{13}{7} = 1\frac{6}{7}$

(d) $B + \frac{1}{6} = \frac{14}{6} = 4$

In the above, figure C has a fractional value $\left(1\frac{6}{7}\right)$. While the remaining figures have numerical value of "3" hence the figure C is different from others. So, option (a) is correct answer.

201. **Identify odd one out.**

12L	3C	7E	16G

A B C D

(a) B (b) A
(c) D (d) C

RRB Group-D – 26/09/2018 (Shift-III)

Ans. (c) : Three are given alphabets and their orders in the above figure D has an incorrect alphabetical order and its correct order is "15G". Hence, figure D is different from others. So, option (c) is correct answer.

392. Identify odd one out.

A	B	C	D
1589	1459	1724	1559
AGE	AHME	AGRE	AERE

(a) B (b) D
(c) A (d) C

RRB Group-D – 27/09/2018 (Shift-I)

Ans. (a) : All the alphabets are vowel in the figure A, while there are two vowels and two consonant are in the remaining figures. Hence, the figure A (AGE) is different from others. So, option (a) is correct answer.

393. Select odd one out.

A	B	C	D
H 16	C3	G7	N 14

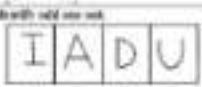
(a) B (b) C
(c) A (d) D

RRB Group-D – 28/09/2018 (Shift-I)

Ans. (d) : There is reverse alphabetical order in the given figure D while the alphabetical order of remaining letters are correct. Hence, figure (d) is different from others as the option (d) is correct answer.

G	C	G	N
↓	↓	↓	↓
19	3	7	14

394. Identify odd one out.



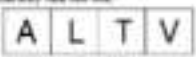
(A) (B) (C) (D)

(a) C (b) D
(c) B (d) A

RRB Group-D – 04/10/2018 (Shift-II)

Ans. (a) : If we see the mirror image of letter A, I, and U it will be same as this are. But the mirror image of letter 'D' is reversed. Hence, figure C is different from others. So the option (a) is correct answer.

395. Identify odd one out.



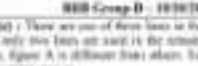
A B C D

(a) C (b) B
(c) A (d) D

RRB Group-D – 10/10/2018 (Shift-I)

Ans. (d) : There are one of three lines in the letter "L" while only two lines are used in the remaining letters. Hence, figure A is different from others. So the option (d) is correct answer.

396. Identify the odd from given options below.



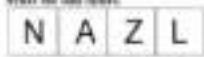
A B C D

(a) C (b) B
(c) D (d) A

RRB Group-D – 10/10/2018 (Shift-II)

Ans. (a) : Figure A, B and D are shows the water image while there is no water image in figure C. Hence, figure C is different from others.
So, the option (a) is correct answer.

397. Select the odd figure.



A B C D

(a) C (b) D
(c) B (d) A

RRB Group-D – 10/10/2018 (Shift-III)

Ans. (b) : There are one of two lines in the letter 'L' while three lines are used in the remaining letters. Hence, figure D is different from others. So, the option (b) is correct answer.

398. Identify odd one out.

A B C D

(a) C (b) A
(c) D (d) B

RPF Constable 24.01.2019 Shift-I

Ans. (d) : Figure A, C, and D show the water image while there is not image of the letter "F". Hence, figure B is different from others.
So, the option (d) is correct answer.

399. Select different from the following.

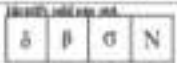
A B C D

(a) A (b) D
(c) C (d) B

RRB Group-D – 11/10/2018 (Shift-III)

Ans. (b) : There is mirror image appeared in figure A, B and C while there is no one of mirror image in figure D. Hence, it is different from others. So, option (b) is correct answer.

400. Identify odd one out.



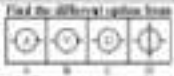
A B C D

(a) A (b) C
(c) D (d) B

RRB Group-D – 22/10/2018 (Shift-I)

Ans. (d) : There is one of English alphabet in figure D while the remaining three figure are symbol. Hence, figure D is different from others. So, the option (d) is correct answer.

401. Find the different option from following.



A B C D

(a) C (b) A
(c) B (d) D

RRB Group-D – 22/10/2018 (Shift-I)

Ans. (d) : There is one of English alphabet in figure A, B and C, while there is no one of English alphabet in figure D. Hence, figure D is different from others. So, the option (d) is correct answer.

312. **Select odd one out from following.**

Z	D	M	J
26	4	12	10
A	B	C	D

(a) C (b) D
(c) A (d) B

RRB Group-D – 22/10/2018 (Shift-II)

Ans. (a) : There is one of English alphabets with their alphabetical order but it is incorrect alphabetical order of "M" in the figure C. Hence, it is different from others. So it is the correct answer.

313. **Select odd one from following options.**

(a) A (b) G
(c) F (d) K

RRB Group-D – 22/10/2018 (Shift-III)

Ans. (b) : There is one of simple lines to make the alphabet A, F and K, while it is no one of simple lines to make the alphabet G. Hence, G is different from other alphabets.
So the option (b) is correct answer.

314. **Select different from following.**

V	T	L	K
A	B	C	D

(a) A (b) B
(c) C (d) D

RRB Group-D – 24/10/2018 (Shift-I)

Ans. (d) : There is one of two lines to make the alphabet V, T and L, while there is one of three lines to make the letter 'K'. Hence, it is different from others. So, the option (d) is correct answer.

315. **Identify odd one out.**

F	O	L	Y
A	B	C	D

(a) C (b) D
(c) A (d) B

RRB Group-D – 26/10/2018 (Shift-III)

Ans. (b) : There is one of alphabet B in the figure D while there are no of symbols in the figure A, B and C. Hence, figure D is different from other. So the option (b) is correct answer.

316. **Identify odd one out.**

5/E	T/20	10/J	15/O
A	B	C	D

(a) A (b) B
(c) C (d) D

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (b) In the figure B the alphabetical order (20) is written as denominator whereas in other figures it is written as numerator. Therefore, option (b) is the correct answer.

317. **Identify odd term from given table.**

T	I	V	D
20	9	15	4
A	B	C	D

(a) B (b) C
(c) A (d) D

RRB Group-D – 31/10/2018 (Shift-I)

Ans. (b) : There is given, alphabet and their correct alphabetical order in the figure A, B and D which show incorrect alphabetical order given in the figure (c). Hence, it is different from others. So the option (b) is correct answer.

318. **Select that figure which is different from others.**

H	A	K	T	N
A	B	C	D	E

(a) A (b) B
(c) D (d) C

RRB Group-D – 14/11/2018 (Shift-III)

Ans. (c) There are two simple lines used in the English alphabet 'T' while in the remaining letters, there are use of three lines in each alphabet. Hence, figure D is different from others. So, option (c) is the correct answer.

319. **Select the different figure from given options.**

N	F	K	L
A	B	C	D

(a) C (b) B
(c) A (d) D

RRB Group-D – 15/11/2018 (Shift-I)

Ans. : (d) There are two simple lines used in the English alphabet 'L' while in the remaining letters there are use of three lines in each alphabet. Hence, figure D is different from other. So, option (d) is correct answer.

320. **Select the odd figure from the given figures.**

A_{ψ}	P_{ls}	$T_{\perp}$	FF
1	2	3	4

(a) 2 (b) 4
(c) 1 (d) 3

RRB Group-D – 15/11/2018 (Shift-I)

Ans. (b) : There are given, English alphabet and their mirror images in the figure 1, 2, and 3, while in figure 4 the mirror images is used of that alphabet. Hence, it is different from others. So the option (b) is correct answer.

211. Identify odd one out.

(a) U (b) A
(c) U (d) E

RRB Group D – 15/11/2018 (Shift-I)

Ans. (a) : The letters of figure B, C and D are open by one side while the letter 'U' is a letter of round figure. Hence, it is different from other figure. So the option (a) is correct answer.

212. Identify the odd one out.

Z	O	F	K
a	b	c	d

(a) A (b) B
(c) C (d) D

RPF Constable 14.01.2019 Shift : III

Ans. (b) : The given figure Z, F and K are the consonant of English alphabet while the figure (b) or letter 'O' is a vowel alphabet. Hence it is different from others. So, the option (b) is correct answer.

213. Select the different figure from given figures.

T	L	V	E
a	b	c	d

(a) B (b) D
(c) C (d) A

RRB Group D – 12/11/2019 (Shift-I)

Ans. (b) The given alphabet of the figure A, B and C are consonant of English alphabet, while the alphabet 'E' is vowel of English alphabet. Hence, it is different from other options, so the option (b) is correct answer.

214. Identify odd one out.

3/17	21/1	24/5	8/12
A	B	C	D

(a) B (b) A
(c) C (d) D

RRB Group-D – 12/11/2019 (Shift-III)

Ans. (d) : There are given, alphabet and their correct alphabetical order in the figure A, B and C while the alphabetical order of given alphabet 'M' is incorrect of the figure D. Hence, it is different from other figure. So, option (d) is correct answer.

215. Identify odd one out.

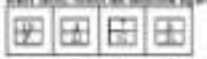
A	C	D	12
a	b	c	d

(a) B (b) D
(c) C (d) A

RRB Group-D – 09/11/2018 (Shift-II)

Ans. (b) : There are given, English alphabet in figure A,B and C while in the figure D mathematical symbol is given. Hence, it is different from others. So, the option (b) is correct answer.

216. Three are identical in a certain way from four option figures. However one figure is not like other three. Select the different figure.



A B C D

(a) C (b) A
(c) B (d) D

RRB Group-D – 05/11/2018 (Shift-III)

Ans. (b) : There are given alphabet and their correct alphabetical order in the figure B, C and D while the alphabetical order of given alphabet (P) of the figure (A) is incorrect. Hence it is different from other figure. So, the option (b) is correct answer.

217. The following letters are marked as A, B, C, D and E respectively. In which four have some kind of similarity, while one letter is different from the other four. Select a different letter.

B	Y	F	Z	A
A	B	C	D	E

(a) A (b) E
(c) B (d) C

RRB Group-D – 02/11/2018 (Shift-I)

Ans. (b) Alphabet B, Y, F and Z used in figure A,B,C and D respectively are consonant letters of English alphabet while the letter 'A' used in figure E is a vowel of English alphabet. Hence, it is different from others. So the option (b) is correct answer.

218. Select that figure which is different from others.

M	J	S	D	U
A	B	C	D	E

(a) A (b) C
(c) B (d) E

RRB Group-D – 02/11/2018 (Shift-III)

Ans. (d) Alphabet M, J, S and D used in figure A,B,C and D respectively are consonants of English alphabet while the letter 'U' used in figure E is a vowel of English alphabet. Hence, it is different from others. So the option (d) is correct.

219. Select the odd term from given options.

(a) R (b) X
(c) N (d) K

RRB JE – 31/05/2019 (Shift-III)

Ans. (d) From the given options,

R K X K
↓ ↓ ↓ ↓
18 14 24 11

Hence, It is clear that except letter 'K' which is in odd place in their alphabetical order while others are in even places. Hence, option (d) is different from others.

220. Select the odd term from given options.

(a) MO (b) CE
(c) EG (d) MN

RRB JE – 28/05/2019 (Shift-I)

Ans. (d) : There is gap of one English alphabet in the given group of alphabets in option (a), (b) and (c) while there is no gap between the given alphabet in the option (d). Hence, it is different from other options and it is correct answer.

231. Select the odd term from given options.

(a) MPS (b) GIL

(c) ADG (d) NQS

RRB JE - 27/09/2019 (Shift-III)

Ans. (b) : From the given options,

(a) $\begin{array}{ccc} M & P & S \\ \hline +3 & +3 & \end{array}$ (b) $\begin{array}{ccc} A & D & G \\ \hline +3 & +3 & \end{array}$

(c) $\begin{array}{ccc} N & Q & T \\ \hline +3 & +3 & \end{array}$ (d) $\begin{array}{ccc} N & Q & T \\ \hline +3 & +3 & \end{array}$

Hence, option (b) is different from others.

232. Select the odd term from given options.

(a) FPLG (b) ARDGB

(c) DLGH (d) LSGQM

RRB JE - 26/06/2019 (Shift-III)

Ans. (d) : From the given options,

(a) $F \xrightarrow{+3} I \xrightarrow{+3} L \xrightarrow{+3} P \xrightarrow{+3} G$

(b) $A \xrightarrow{+3} D \xrightarrow{+3} G \xrightarrow{+3} J \xrightarrow{+3} B$

(c) $D \xrightarrow{+3} G \xrightarrow{+3} L \xrightarrow{+3} P \xrightarrow{+3} J$

(d) $L \xrightarrow{+3} P \xrightarrow{+3} H \xrightarrow{+3} Q \xrightarrow{+3} M$

Hence, option (d) is different from other options.

233. Select the odd term from given options.

(a) SRV (b) DEN

(c) RTP (d) NOL

RRB JE - 26/06/2019 (Shift-III)

Ans. (a) : From the given options,

(a) $R \xrightarrow{+3} U \xrightarrow{+3} X \xrightarrow{+3} F$

(b) $D \xrightarrow{+3} G \xrightarrow{+3} J \xrightarrow{+3} B$

(c) $\begin{array}{c} K \\ \hline +1 \end{array} \xrightarrow{+3} \begin{array}{c} L \\ \hline +1 \end{array} \xrightarrow{+3} \begin{array}{c} M \\ \hline +1 \end{array}$

(d) $N \xrightarrow{+3} Q \xrightarrow{+3} T \xrightarrow{+3} L$

Hence, option (a) is different from other given options.

234. Select the odd term from given options.

(a) AE (b) DC

(c) CB (d) EF

RRB JE - 27/09/2019 (Shift-I)

Ans. (d) : From the given options,

(a) $G \xrightarrow{-3} P$

(b) $D \xrightarrow{-3} C$

(c) $C \xrightarrow{-3} B$

(d) $E \xrightarrow{-3} F$

Hence, option (d) is different from the other given options.

235. Select the odd term from given options.

(a) NPE (b) LNP

(c) IGJ (d) UWV

RRB JE - 30/05/2019 (Shift-II)

Ans. (a) : From the given options,

(a) $N \xrightarrow{-2} P \xrightarrow{-3} R$

(b) $L \xrightarrow{-2} N \xrightarrow{-3} P$

(c) $E \xrightarrow{-2} G \xrightarrow{-3} J$

(d) $U \xrightarrow{-2} W \xrightarrow{-3} Y$

Hence, option (a) is different from the other given options.

236. Select the odd term from given options.

(a) AFI (b) ADA

(c) BDG (d) AIF

RRB JE - 30/05/2019 (Shift-I)

Ans. (a) : All the given option except option (a) have two vowels and one consonant. While all the letters used in option (a) are consonant. Hence, option (a) is different from others.

237. Select the odd term from given options.

(a) GIU (b) MOP

(c) KML (d) SUV

RRB JE - 30/05/2019 (Shift-I)

Ans. (c) : From the given options,

(a) $O \xrightarrow{-2} L \xrightarrow{-3} I$

(b) $M \xrightarrow{-2} O \xrightarrow{-3} P$

(c) $K \xrightarrow{-2} M \xrightarrow{-3} L$

(d) $S \xrightarrow{-2} U \xrightarrow{-3} V$

Hence, option (c) is different from other options.

238. Select the odd term from given options.

(a) GEC (b) NOR

(c) EWT (d) GIA

RRB JE - 26/09/2019 (Shift-II)

Ans. (a) : From the given options,

(a) $\begin{array}{c} G \\ \hline +2 \end{array} \begin{array}{c} E \\ \hline +2 \end{array} \begin{array}{c} C \\ \hline +2 \end{array}$ (b) $\begin{array}{c} N \\ \hline +2 \end{array} \begin{array}{c} O \\ \hline +2 \end{array} \begin{array}{c} R \\ \hline +2 \end{array}$

(c) $\begin{array}{c} E \\ \hline +2 \end{array} \begin{array}{c} W \\ \hline +2 \end{array} \begin{array}{c} T \\ \hline +2 \end{array}$ (d) $\begin{array}{c} G \\ \hline +2 \end{array} \begin{array}{c} I \\ \hline +2 \end{array} \begin{array}{c} A \\ \hline +2 \end{array}$

Hence, option (a) is different from other given options.

239. Select the odd term from given options.

(a) AWAY : WAYA (b) MEET : EETM

(c) LIKE : KILE (d) HAVE : AVEH

RRB JE - 23/09/2019 (Shift-II)

Ans. (c) : From the given options,

(a) A W A Y = 2 3 4 1 = W A Y A
1 2 3 4

(b) M E E T = 2 3 4 1 = E E T M
1 2 3 4

(c) K I K E = 2 3 4 1 = K I E K
1 2 3 4

(d) H A V E = 2 3 4 1 = A V E H
1 2 3 4

Hence, it is clear that option (c) is different from other options.

240. Select the odd term from given options.

(a) UGLE (b) MKPK

(c) GION (d) JMRV

RRB JE - 24/09/2019 (Shift-I)

Ans. (a) : From the given options,

(a) $\begin{array}{c} U \\ \hline -2 \end{array} \begin{array}{c} G \\ \hline -2 \end{array} \begin{array}{c} L \\ \hline -2 \end{array} \begin{array}{c} E \\ \hline -2 \end{array}$ (b) $\begin{array}{c} M \\ \hline -2 \end{array} \begin{array}{c} K \\ \hline -2 \end{array} \begin{array}{c} P \\ \hline -2 \end{array} \begin{array}{c} K \\ \hline -2 \end{array}$

(c) $\begin{array}{c} G \\ \hline -2 \end{array} \begin{array}{c} I \\ \hline -2 \end{array} \begin{array}{c} O \\ \hline -2 \end{array} \begin{array}{c} N \\ \hline -2 \end{array}$ (d) $\begin{array}{c} J \\ \hline -2 \end{array} \begin{array}{c} M \\ \hline -2 \end{array} \begin{array}{c} R \\ \hline -2 \end{array} \begin{array}{c} V \\ \hline -2 \end{array}$

Hence, option (a) is different from others.

241. Select the odd term from given options.

(a) DJI (b) ABQ
(c) RPV (d) LCT

RRB JE - 24/05/2019 (Shift-II)

Ans. (d) : From the given options,

Hence, option (d) is different from other.

242. Select the odd term from given options.

(a) OQS (b) IJE
(c) PRT (d) WXZ

RRB JE - 24/05/2019 (Shift-II)

Ans. (d) : Option (d) is different from the given words because the other three have a two - letter gap.

243. Select the odd term from given options.

(a) B (b) D
(c) W (d) F

RRB JE - 02/06/2019 (Shift-I)

Ans. (a) : The letters given in options (a), (b), (d) are respectively (a given number) 2, 4, 6 while the letter W in option (c) whose the English alphabetical order is 23 which is odd number. Hence, option (c) is inconsistent.

244. Select the odd term from given options.

(a) JKI (b) UV
(c) OP (d) DQ

RPF SI 05.01.2019 (Shift - I)

Ans. (b) : From the given options,

(a) B $\xrightarrow{+2}$ D (b) E $\xrightarrow{+2}$ G
(c) C $\xrightarrow{+2}$ F (d) D $\xrightarrow{+2}$ G

So, option (b) is different.

245. Select the odd term from given options.

(a) PUS (b) TYN
(c) UJH (d) ORT

RRB Group D - 03/10/2018 (Shift-I)

Ans. (d) : From the given options,

(a) P $\xrightarrow{+5}$ U $\xrightarrow{+5}$ Z
(b) Y $\xrightarrow{+5}$ Y $\xrightarrow{+5}$ W
(c) L $\xrightarrow{+5}$ Q $\xrightarrow{+5}$ O
(d) O $\xrightarrow{+5}$ R $\xrightarrow{+5}$ T

Hence, option (d) ORT is inconsistent.

246. Select the odd term from given options.

(a) PKNQ (b) FIJN
(c) SLOR (d) GMEP

RRB JE - 24/05/2019 (Shift-II)

Ans. (b) : From the given options,

(a) D $\xrightarrow{+2}$ E $\xrightarrow{+2}$ N $\xrightarrow{+2}$ Q
(b) F $\xrightarrow{+2}$ H $\xrightarrow{+2}$ L $\xrightarrow{+2}$ N
(c) I $\xrightarrow{+2}$ L $\xrightarrow{+2}$ O $\xrightarrow{+2}$ R
(d) G $\xrightarrow{+2}$ I $\xrightarrow{+2}$ M $\xrightarrow{+2}$ P

So, option (b) is inconsistent.

247. Select the odd term from given options.

(a) BHI (b) RUO
(c) TRT (d) QSO

RRB JE - 02/06/2019 (Shift-I)

Ans. (c) : From the given options,

(a) R $\xrightarrow{+2}$ S $\xrightarrow{+2}$ U
(b) S $\xrightarrow{+2}$ U $\xrightarrow{+2}$ X
(c) T $\xrightarrow{+2}$ R $\xrightarrow{+2}$ T
(d) Q $\xrightarrow{+2}$ S $\xrightarrow{+2}$ U

Hence, option (c) TRT is inconsistent.

248. Four options are given below, out of which three are alike in some manner while one is different. Find the odd one.

(a) $\sqrt{3}$ (b) $\sqrt{5}$
(c) $\sqrt{7}$ (d) $\sqrt{8}$

RRB NTPC 22.01.2021 (Shift-I) Stage-Ist

Ans. (d) : From the given options,

(a) $\sqrt{3}$ = 1.732 = irrational number
(b) $\sqrt{5}$ = 2.236 = irrational number
(c) $\sqrt{7}$ = 2.645 = irrational number
(d) $\sqrt{8}$ = 2.8 = rational number

Hence, $\sqrt{8}$ is different from all.

249. Select an option which is different from the rest in a certain way.

(a) CFO (b) ACE
(c) BGM (d) OQR

RRB NTPC 11.02.2021 (Shift-I) Stage-Ist

Ans. (d) : From the given options,

(a) C $\xrightarrow{+3}$ F $\xrightarrow{+3}$ O
(b) A $\xrightarrow{+2}$ C $\xrightarrow{+2}$ E
(c) B $\xrightarrow{+5}$ G $\xrightarrow{+5}$ M
(d) O $\xrightarrow{+3}$ Q $\xrightarrow{+3}$ R

Hence, it is clear from the above that option (d) is irrelevant.

250. Four options have been given out of which three are alike in some manner and one is different. Select the odd one.

(a) AZBY (b) KPLO
(c) PUQT (d) UVFE

RRB NTPC 03.03.2021 (Shift-I) Stage-Ist

Ans. (d) : From the given options,

Hence option (d) is odd one.

251. Four letter-cluster have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) BAYZ (b) DCWV
(c) YEUV (d) HGST

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (b) : From the given options—

Hence, It is clear from the given options, option (b) is odd.

252. Three of the following four letter clusters are a like in a certain way and one is different. Pick the odd one out.

(a) DGS (b) SGD
(c) BFJ (d) GOS

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (d) : Except option (d), all other options have the one vowel but in option (d) there is two vowel.

Hence, option (d) is different from others.

253. Out of the four letter-clusters listed, three are alike in some manner one is different. Select the odd one.

(a) QSU (b) XJC
(c) CDH (d) JLO

RRB NTPC 03.03.2021 (Shift-II) Stage Ist

Ans. (a) : The odd letter group is follows as-

(a) Q $\xrightarrow{+1}$ R $\xrightarrow{+1}$ U
(b) X $\xrightarrow{+1}$ Z $\xrightarrow{+1}$ C
(c) C $\xrightarrow{+1}$ D $\xrightarrow{+1}$ H
(d) J $\xrightarrow{+1}$ L $\xrightarrow{+1}$ O

Hence, odd letter group = QSU.

254. Out of the four letter-clusters listed, three are alike in some manner and one is different. Select the odd one.

(a) QA (b) GD
(c) NK (d) XE

RRB NTPC 07.04.2021 (Shift-II) Stage Ist

Ans. (a) : From the given option

(a) Q $\xrightarrow{+5}$ A
(b) G $\xrightarrow{+3}$ D
(c) N $\xrightarrow{+3}$ K
(d) X $\xrightarrow{+3}$ U

It is clear that option (a) is odd.

255. Four alphanumeric-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) U2G (b) A1T
(c) P16 (d) M13

RRB NTPC 08.04.2021 (Shift-I) Stage Ist

Ans. (b) : In the given question, the letters of alternatives (a), (c) and (d) are shown with alphabetical order. Whereas in option (b) 1 is not a alphabetical order of A.

Hence, option (b) is odd one.

256. Four sets of letters are given out of which three are alike in some way and one is inconsistent. Select the incompatible.

(a) SYNC (b) SHGT
(c) HIEH (d) LONM

RRB NTPC 03.04.2021 (Shift-II) Stage Ist

Ans. (c) : In given options, option (c) is odd because

C → E (not opposite)

S→H (not opposite)

Whereas

S→H, X→C, S→H, G→T, L→O, S→H

All are the opposite except option (c).

257. Out of the four letter-clusters listed, three are alike in some manner and one is different. Select the odd one.

(a) DGH (b) QTA
(c) SOL (d) WZJ

RRB NTPC 08.04.2021 (Shift-II) Stage Ist

Ans. (d) : In option (a), (b), (d) given each word group have one vowel. Whereas in option (c) there is no vowel. Hence, option (c) is odd one.

258. Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) NPR (b) EMO
(c) CEG (d) BSU

RRB NTPC 12.03.2021 (Shift-I) Stage Ist

Ans. (d) : From the given options,

(a) R $\xrightarrow{-2}$ P $\xrightarrow{-2}$ N
(b) K $\xrightarrow{-2}$ M $\xrightarrow{-2}$ O
(c) C $\xrightarrow{-2}$ E $\xrightarrow{-2}$ G
(d) B $\xrightarrow{-2}$ S $\xrightarrow{-2}$ U

Hence, the word given in option (d) is odd one.

259. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

(a) MKP (b) JOL
(c) QOK (d) WUQ

RRB NTPC 31.07.2021 (Shift-I) Stage Ist

Ans. (a) : From the given options,

(a) M $\xrightarrow{-2}$ K $\xrightarrow{-2}$ F
(b) J $\xrightarrow{-2}$ F $\xrightarrow{-2}$ L
(c) Q $\xrightarrow{-2}$ O $\xrightarrow{-2}$ K
(d) W $\xrightarrow{-2}$ U $\xrightarrow{-2}$ Q

Hence, option (a) is different from the other.

Type - 3

260. In each of the number-pairs, the second number is obtained by performing a certain mathematical operation on the first number. Three of the following pairs follow the same pattern and thus form a group. Select the number-pair that does NOT belong to that group.

(a) 21 : 420 (b) 15 : 200
(c) 17 : 272 (d) 25 : 600

RRB NTPC (Stage-II) – 12/06/2022 (Shift-I)

Ans. (b) : From the given options,

(a) 21 : 420
$\Rightarrow 21^2 - 21 \Rightarrow 441 - 21 = 420$
(b) 15 : 200
$\Rightarrow 15^2 - 15 \Rightarrow 225 - 15 = 210 \neq 200$
(c) 17 : 272
$\Rightarrow 17^2 - 17 \Rightarrow 289 - 17 = 272$
(d) 25 : 600
$\Rightarrow 25^2 - 25 \Rightarrow 625 - 25 = 600$

Hence, option (b) is different from others.

261. In each of the number-pairs, the second number is obtained by performing a certain mathematical operation on the first number. Three of the following pairs follow the same pattern and thus form a group. Select the number-pair that does NOT belong to that group.

(a) 14 : 197 (b) 19 : 323
(c) 22 : 485 (d) 20 : 401

RRB NTPC (Stage-II) – 12/06/2022 (Shift-II)

Ans. (a) : From the given options,

(a) $(14)^2 + 1 = 197 \neq 198$
(b) $(18)^2 + 1 = 325$
(c) $(22)^2 + 1 = 485$
(d) $(20)^2 + 1 = 401$

Hence, option (a) is odd one.

262. In each of the number-pairs, the second number is obtained by performing a certain mathematical operation on the first number. Three of the following pairs follow the same pattern and thus form a group. Select the number-pair that does NOT belong to that group.

(a) 22 : 131 (b) 14 : 85
(c) 16 : 97 (d) 19 : 107

RRB NTPC (Stage-II) – 13/06/2022 (Shift-I)

Ans. (d) : From options-

(a) $22 \times 6 + 1 = 133$
(b) $14 \times 6 + 1 = 85$
(c) $16 \times 6 + 1 = 97$
(d) $19 \times 6 + 1 = 106 \neq 107$

Hence, option (d) is different from other options.

263. The second number in each of the number-pairs is obtained by performing certain mathematical operation on the first number. Three of the following four number-pairs follows the same pattern and thus form a group. Select the number-pairs that do NOT belong to that group.

(a) 18 : 323 (b) 21 : 438
(c) 19 : 337 (d) 17 : 286

RRB NTPC (Stage-II) – 14/06/2022 (Shift-I)

Ans. (c) : From options-

(a) $18 : 323 \rightarrow (18)^2 - 1 = 323$

(b) $21 : 438 \rightarrow (21)^2 - 3 = 438$

(c) $\boxed{19 : 337 \rightarrow (19)^2 - 4 = 357}$ (odd one)

(d) $17 : 286 \rightarrow (17)^2 - 3 = 286$

Hence, option (c) is odd one.

264. The second number in each of the number-pairs is obtained by performing certain mathematical operation on the first number. Three of the following four number-pairs follow pattern and thus form a group. Select the number-pair that does NOT belong to that group.

(a) 14 : 197 (b) 18 : 323
(c) 17 : 286 (d) 15 : 170

RRB NTPC (Stage-II) – 14/06/2022 (Shift-II)

Ans. (b) : From options-

(a) $14 : 197$
$(14)^2 + 1$

(b) $18 : 323$
$(18)^2 + 1$ (Odd)

(c) $17 : 286$
$(17)^2 + 1$

(d) $15 : 170$
$(15)^2 + 1$

Hence, option (b) is odd one.

265. In the following number-pairs the second number is obtained by applying certain mathematical operations to the first number. In three of the four pairs the same pattern is applied and hence they form a group. Select the number-pair that does NOT belong to this group.

(a) 24,399 (b) 19,359
(c) 17,303 (d) 9,82

RRB NTPC (Stage-II) – 25/06/2022 (Shift-III)

Ans. (d) : From the given options,

(a) $24 : 399$
$(24) : 24$

(c) $17 : 303$
$(17) : 16$

(b) 11 : 272 → (11)² : (16)

(d) 6 : 42 → (6)² : (36)

Hence, option (d) is different from the others.

266. Choose the number - pair that is different from the other three.

(a) 6 : 8 (b) 21 : 40

(c) 12 : 20 (d) 2 : 14

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (a) : From the given options,

(a) 6 : 8 → 6 × 2 + 4 = 8 is not compatible

(b) 21 : 40 → 21 × 2 + 4 = 46 is compatible

(c) 12 : 20 → 12 × 2 + 4 = 28 is compatible

(d) 2 : 14 → 2 × 2 + 4 = 14 is compatible

Hence, option(a) is different from others.

267. Choose the number - pair that is different from the other three.

(a) 65 : 16 (b) 49 : 12

(c) 62 : 15 (d) 33 : 8

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (c) : From the given options,

(a) 65 : 16 → 16 × 4 + 1 = 65

(b) 49 : 12 → 12 × 4 + 1 = 49

(c) 62 : 15 → 15 × 4 + 2 = 62

(d) 33 : 8 → 8 × 4 + 1 = 33

It is clear from the above that option (c) is different from other three options.

268. Four numbers have been given, out of which three are alike in some manner and one is different, Select the odd one number.

(a) 39 (b) 33

(c) 27 (d) 41

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (d) : From the given options :

(a) 39 → 3 × 9 = 27

(b) 33 → 3 × 3 = 9

(c) 27 → 3 × 7 = 21

(d) 41 → 4 × 1 = 5

It is clear from the above that option (d) is different.

Note : For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

269. Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest.

(a) 11 : 13 (b) 17 : 19

(c) 13 : 15 (d) 21 : 23

RRB NTPC 09.03.2021 (Shift-I) Stage Ist

Ans. (b) : From the given options,

(a) 11 × 13 = 24 (Even)

(b) 17 × 19 = 36 (Even)

(c) 13 × 15 = 27 (Odd)

(d) 21 × 23 = 44 (Even)

Hence, it is clear that option (c) is different from the rest.

270. Among the four numerical expression given below, three are alike in some manner and one is different. Select the odd one.

(a) 8 × 2 + 5 = 21 (b) 6 × 5 + 8 = 28

(c) 9 × 1 + 7 = 22 (d) 7 × 4 + 3 = 23

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (c) : From questions,

(a) 5 × 4 + 2 + 5 = 26 (× 5)

(b) 6 × 5 + 8 + 8 = 28

(c) 9 × 1 + 3 + 7 = 22

(d) 7 × 4 + 3 + 3 = 23

Hence, option (c) is inconsistent with the others.

271. Three of the following four numbers pairs are alike in a certain way and one is different. Pick the odd one out.

(a) 5 : 31 (b) 10 : 101

(c) 2 : 19 (d) 7 : 50

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (a) : From the given options,

(a) 5 : 31 → $5^2 + 6 = 31$

(b) 10 : 101 → $10^2 + 1 = 101$

(c) 2 : 19 → $2^3 + 1 = 19$

(d) 7 : 50 → $7^2 + 1 = 50$

It is clear that option (a) is irrelevant from other three options.

272. Pick the odd one out.

3-6, 4-8, 6-18, 8-32, 10-50

(a) 6-32 (b) 6-18

(c) 4-8 (d) 3-6

RRB NTPC 15.01.2021 (Shift-I) Stage Ist

Ans. (d) : From the given options,

(a) 32 − 8 = 24 (Even)

(b) 18 − 6 = 12 (Even)

(c) 8 − 4 = 4 (Even)

(d) 6 − 3 = 3 (Odd)

The difference of all the digits is an even number whereas the difference of 3-6 is odd number.

273. Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

(a) 12 : 96 (b) 16 : 128

(c) 13 : 104 (d) 15 : 120

RRB NTPC 28.12.2020 (Shift-I) Stage Ist

Ans. (b) : In the given options (a), (c) and (d) the second number is divisible by the first number. But in option (b) the second number is not perfectly divisible by the first. Hence, option (b) is different among all.

274. Four options have been given out of which three are alike in some manner and one is different. Select the odd one :

(a) (40, 15) (b) (51, 24)

(c) (32, 13) (d) (72, 45)

RRB NTPC 05.01.2021 (Shift-I) Stage Ist

Ans. (d) : From the given options,
(a) (42, 18) → is divisible by 3
(b) (51, 24) → is divisible by 3
(c) (32, 17) → is a composite number
(d) (72, 45) → is divisible by 3
Hence, option (c) is inconsistent with the others.

275. Four years have been given out of which three are alike in some manner and one is different. Select the one that is different from the rest :
(a) 2001 (b) 2003
(c) 2004 (d) 2005

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (c) : 2004 is the leap year whereas all others are normal years.

276. Four number pairs have been given, out of which three are alike in some manner and one is different. Select the number pair that is different from the rest.
(a) 19 : 361 (b) 23 : 529
(c) 28 : 784 (d) 17 : 289

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (b) : From the options,
(a) 14 : 361 (b) 23 : 529
14 → 361 23 → 529 = 529
(c) 28 : 784 (d) 17 : 289
28 → 784 17 → 289
Option (b) is odd.

277. Four number clusters have been given out of which three are alike in some manner and one is different. Select the number clusters that is different from the rest.
(a) 2336 (b) 1296
(c) 1313 (d) 2450

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (a) : The numbers given in options (b), (c) and (d) are divisible by 3 while the numbers given in option (a) is not divisible by 3.
Hence, option (a) is different from others.

278. Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different from the rest.
(a) 436 (b) 580
(c) 461 (d) 868

RRB NTPC 08.02.2021 (Shift-1) Stage Ist

Ans. (c) : From the given options,
(a) 7 + 3 = 10, 4 × 10 = 40
(b) 7 + 4 = 11, 5 × 11 = 55
(c) 7 + 6 = 13, 4 × 13 = 52
(d) 7 + 8 = 15, 5 × 15 = 75
Hence, option (c) is odd one.

279. 6 6 8 9 5 3 7 3 7 2 9 8 8 7 8 1 9 5 3
Using the above series determine which number does not belong to the group.
83, 35, 37, 81
(a) 37 (b) 81
(c) 83 (d) 35

RPF Constable 27.01.2019 Shift : 1

Ans. : (a) The unit digit in all the numbers in the group is third to the right of the tens digit in the series while the unit digit of the number 37 is the fourth digit after the tens digit.

280. Select that number which is different from given other numbers
[47, 571, 999, 707]
(a) 571 (b) 127
(c) 999 (d) 707

RRB NTPC 18.01.2017 Shift : 1

Ans. (d) In the given number only 707 is divisible by 7. Hence, 707 is different from others.

281. Select the odd term from the following.
0.02, 0.028, 2.160, 0.002
(a) 0.002 (b) 0.028
(c) 0.02 (d) 2.160

RRB ALP & Tec. (10-08-18 Shift-I)

Ans. (a) : In the given terms,
$0.02, 0.028, \frac{2}{100} \rightarrow 0.02$
The value of the first three terms is same but the fourth term is $\frac{1}{10}$ times of all others. Hence, the term 0.002 is incorrect term.

282. Select the number pair that does NOT belong to the following group.
(a) (8, 512) (b) (9, 716)
(c) (1, 1) (d) (4, 64)

RRB ALP & Tec (17-08-18 Shift-III)

Ans. (b) : Except option (b) in all other options, the second number in the given number pairs is the cube of the first number.

283. Select the odd term from given options.
(a) 2197 (b) 441
(c) 729 (d) 1331

RRB JE - 31/05/2019 (Shift-III)

Ans. (b) : Except 441, all others number are complete cube number whereas 441 is a perfect square.

284. Select the odd term from given options.
(a) 169 (b) 136
(c) 196 (d) 124

RRB JE - 27/05/2019 (Shift-I)

Ans. (d) : Except the number in option (a), the middle digit is the sum of the other two digits in all other given numbers. Hence, option (a) is inconsistent.

285. Select the odd term from given options.
(a) 400 (b) 225
(c) 144 (d) 196

RRB JE - 01/06/2019 (Shift-I)

Ans. (b) : Option (b) is a square of odd number 15, while options (a), (c) and (d) are square of even number. So, option (b) is different from other.

286. Select the odd term from given options.

(a) 36 – 27 (b) 29 – 82
(c) 23 – 14 (d) 18 – 45

RRB JE - 30/05/2019 (Shift-I)

Ans. (b) : (a) 36 – 27
3 + 6 = 3 + 7 = 9
(b) 29 – 82
2 + 9 = 8 + 2 (odd)
(c) 23 – 14
2 + 3 = 1 + 4 = 5
(d) 18 – 45
1 + 8 = 4 + 5 = 9
So, option (b) will be incorrect.

287. Select the odd term from given options.

(a) 15 (b) 8
(c) 16 (d) 4

RRB JE - 31/05/2019 (Shift-I)

Ans. (b) : Option (b) is incorrect because 8 is a cube of 2 and all other are in form of square. So, option (b) is different.

288. Select the odd term.
2221, 1212, 2112, 2222

(a) 2222 (b) 2221
(c) 2212 (d) 2212

RRB JE - 31/05/2019 (Shift-I)

Ans. (b) : From the question
2221, 1212, 2112, 2222
Option (b) is the odd one different from the given option because decimal is not used in option (b) while decimal is used in others.

289. Select the odd term from given options.

(a) 27 (b) 41
(c) 19 (d) 27

RPF Constable 23.01.2019 Shift - III

Ans. (d) : 27, 41, 19 is a prime number whereas 27 is a divisible number.

290. Select the odd term from given options.

(a) 140 (b) 327
(c) 126 (d) 288

RPF SI 19.12.2018 Shift - III

Ans. (d) : From the given options,
(a) $140 = 11^2 + 1$ (b) $327 = 18^2 + 1$
(c) $126 = 11^2 + 1$ (d) $289 = 17^2 + 1 = 290$
So, option (d) is different.

291. Select the odd term from given options.

(a) 43 (b) 61
(c) 73 (d) 53

RRB JE - 02/06/2019 (Shift-II)

Ans. (b) : 43, 73, 53 are all prime number while 63 is a composite divisible number. So, 63 is different from other.

292. Select the odd term from given options.

(a) 399 (b) 490
(c) 385 (d) 469

RRB JE - 23/05/2019 (Shift-I)

Ans. (d) : All the given number except 490 are divisible by 7. Hence, 490 is different.

293. Select the odd term from given options.

(a) 16-64 (b) 49-169
(c) 25-81 (d) 36-100

RRB JE - 28/06/2019 (Shift-II)

Ans. (b) : From the given options,
(a) $16 - 64 = 4^2 - 8^2 = 8 - 4 = 4$
(b) $25 - 81 = 5^2 - 9^2 = 5 - 3 = 4$
(c) $36 - 100 = 6^2 - 10^2 = 10 - 6 = 4$
(d) $49 - 169 = 7^2 - 13^2 = 13 - 7 = 6$ (odd)
Hence, it is clear that 49-169 is different from others.

294. Select the odd term from given options.

(a) 32604 (b) 23236
(c) 42135 (d) 52161

RRB JE - 27/06/2019 (Shift-I)

Ans. (a) : From the given options,
(a) $32604 = 3 + 2 + 6 + 3 + 4 = 20$
(b) $23236 = 2 + 1 + 3 + 3 + 6 = 15$
(c) $42135 = 4 + 2 + 1 + 3 + 5 = 15$
(d) $52161 = 5 + 2 + 1 + 6 + 1 = 15$
It is clear that the sum of option (b), (c) and (d) is 15 while the sum of option (a) is 20.
Hence, option (a) is different.

295. Select the odd term from given options.

(a) 49 (b) 25
(c) 36 (d) 15

RRB JE - 30/05/2019 (Shift-I)

Ans. (b) : 25 is a square of 5 while 49, 36 and 15 is not a square of any number, so 25 is inconsistent from all other.

296. Select the odd term from given options.

(a) 4213-8432 (b) 7316-1793
(c) 1975-5379 (d) 2152-1021

RRB JE - 23/05/2019 (Shift-I)

Ans. (c) : From the given options,

(a) 4 2 1 3 → 8 4 2 1
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ⇒ ABCD → CADB
A B C D C A D B

(b) 7 3 1 6 → 1 7 6 3
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ⇒ ABCD → CADB
A B C D C A D B
1 6 7 3 → 3 7 6 1

(c) 1 9 7 5 → 5 7 9 1
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ⇒ ABCD → ADCB
A B C D A D C B
5 1 9 7 → 7 9 1 5

(d) 2 1 5 3 → 3 5 1 2
↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ⇒ ABCD → CADB
A B C D C A D B

The order of option (c) is different from other option. Hence, it is inconsistent.

Type - 4

297. Four figures have been given, out of which three are alike in some manner and one is different. Select the figure that is different.

(a)

(b)

(a) (b)

RRB NTPC 31.07.2021 (Shift-1) Stage-I

Ans. (a) : It is clear from the given diagrams that option (a) is different from the other.

298. Four figures have been given, out of which three are alike in some manner and one is different. Select the odd one.

A. B. C. D.

(a) C (b) A
(c) D (d) B

RRB NTPC 08.04.2021 (Shift-1) Stage-I

Ans. (a) : Figure 'C' is different from other figures. So option (a) is correct.

299. One of the four figures listed in the options, one is different from the others in some manner. Select the odd one out.

Figure A Figure B Figure C Figure D Figure E

(a) Figure A (b) Figure C
(c) Figure D (d) Figure E

RRB NTPC 06.03.2021 (Shift-1) Stage-I

Ans. (a) : In the given figures, option figure (a) is different from others as many circles are located inside the figure or equal number of circles are located outside the figure. Hence, option (a) is correct.

300. Four figures have been given, out of which three are alike and one is different. Select the odd one.

(a) (b)

(c) (d)

RRB NTPC 07.04.2021 (Shift-1) Stage-I

Ans. (b) : In the given diagrams, three figures are same except in figure option (b). Hence, it is clear that option (b) is odd one.

301. Among the four figures listed, three of them follow a common rule and one does not. Select the odd one.

a b c d

(a) A (b) B
(c) C (d) D

RRB NTPC 23.01.2021 (Shift-3) Stage-I

Ans. (d) : In the given figures in options (a) (b), and (c) the number of sides in outer figure is one less than the number of sides in inner figure, while in option (d) figure do not follow the common rule.
Hence, option (d) is odd one.

302. Four figures have been given, out of which three are alike in some manner and one is different. Select the odd figure.

(a)

(b)

(c)

(d)

RRB NTPC 06.02.2021 (Shift-2) Stage-I

Ans. (a) : In the given figures, option (a) is different from the other. (+) is located in the figure (a), while (-) is located in the other three figures.

303. Three of the following figures are alike in a certain way and one is different. Which one is different?

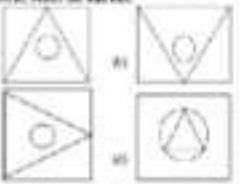
(a) (b)

RRB NTPC 22/01/2021 (Shift-1) Stage I

Ans. (b) : In figure (b) all the A signs are in the same direction, while it is not in the other figures given in the options.

Hence, the figure given in option (b) is different from others.

504. Four figures have been given, out of which three are alike in some manner and one is different, Select the odd one.



(a) b (b) d
(c) c (d) a

RRB NTPC 08/01/2021 (Shift-1) Stage I

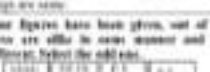
Ans. (b) : It is clear from the above question figures, that figure (a), (b) & (c) are similar to each other in which the circle is inside the triangle, while in figure (d), the triangle is inside the circle. Hence, option (b) is different from others.

505. Choose the figure that is different from the others.

RRB NTPC 07/01/2021 (Shift-1) Stage I

Ans. (a) : In option figure (a), on the place of multiply signs, addition sign is given whereas in the other figures all four signs are same.

506. Four figures have been given, out of which three are alike in some manner and one is different, Select the odd one.



(a) Figure 2 (b) Figure 3
(c) Figure 4 (d) Figure 1

RRB NTPC 06/02/2021 (Shift-1) Stage I

Ans. (b) : Fig. 1, 2 and 4, have even no. of letters in each line while fig 3 doesn't hold so. Hence, fig (3) is different among rest.

507. These are identical in a certain way from four option figures. However one figure is not like other three. Select the different figure.

A B C D

(a) C (b) D
(c) A (d) B

RRB Group-D – 03/10/2018 (Shift-I)

Ans. (b) : Figure A, B and C contains two different geometric figures. While circle is used both times in figure D. Hence, option (b) is different from others.

508. Select a different figure from given figures.

A B C D

(a) B (b) C
(c) D (d) A

RRB Group-D – 03/10/2018 (Shift-III)

Ans. (b) : In figure A, B and D, the shaded portion is the upper part while in figure C the shaded portion is the lower part. Hence figure C is different.

509. Select a different figure from given figures.

A B C D

(a) A (b) B
(c) C (d) D

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (c) : The figure C is different from all the shapes because in all the other figures the top shape and the bottom shape are made equal. Hence, the figure C is different.

510. Identify the odd from following.

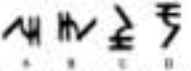
(a) (b) (c) (d)

(a) b (b) c
(c) a (d) d

RRB Group-D – 08/10/2018 (Shift-II)

Ans. (d) : In the given figures, the small figure in the options a, b, c is a duplicate of the larger figure but not in the figure 'd'. Hence, it is clear that the figure 'd' is different.

511.



A B C D

Identify that figure which is not related to this group.

(a) A (b) B
(c) C (d) D

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (d) : Except figure – D, the remaining figure can be obtained by rotating clockwise or anti – clockwise. Hence, figure – D is odd.

312. Identify the odd from following.

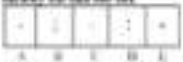
A B C D

(a) A (b) C
(c) D (d) B

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (c) : According to the question,
Except in the figure D, all other figures are divided half. Hence, option (c) is odd one.

313. Identify the odd one out.



A B C D E

(a) A (b) C
(c) E (d) D

RRB Group-D – 12/10/2018 (Shift-III)

Ans. (e) : In the given figures, figure E are mathematical symbols, while all others are the Hindi language symbols.

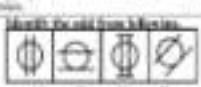
314. Choose the odd figure from the series.

(a) (b)
(c) (d)

RRB Group-D – 12/10/2018 (Shift-III)

Ans. (c) : In the figure of option (c), the circle is drawn inside the circle while in other figure one circle is overlapping the other circle. So, option (c) is odd from the series.

315. Identify the odd from following.



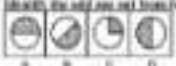
A B C D

(a) A (b) C
(c) D (d) B

RRB Group-D – 15/10/2018 (Shift-I)

Ans. (b) : In the given option, figure A, B and D are four straight lines while figure C uses four straight lines. So, figure (C) is different from the others.

316. Identify the odd one out from following figure.



A B C D

(a) A (b) B
(c) D (d) C

RPF Constable 23.01.2019 Shift – I

Ans. (d) : Half of the upper circle is shaded in the given figure (a), (b) and (d) while one – fourth of the circle is shaded in figure C. Hence, option (d) is correct.

317. Identify the odd from following.

A B C D

(a) C (b) D
(c) B (d) A

RPF SI 19.12.2018 Shift – I

Ans. (b) The figure – D will be different because in all other figure some part of the shape is open while in the figure D the shape is completely closed.

318. Identify the odd term from given figures.

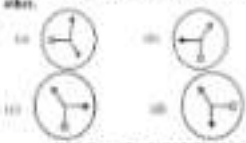
A B C D

(a) A (b) D
(c) C (d) B

RRB Group-D – 16/10/2018 (Shift-I)

Ans. (b) All other figure except figure – D have three parallel lines drawn.

319. Select that figure which is different from three other.

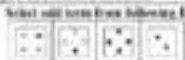


(a) (b)
(c) (d)

RRB Group-D – 16/10/2018 (Shift-III)

Ans. (c) : Option figure (c) is different from the other figure because all other figures are obtained by rotating the figure anticlockwise/clockwise.

320. Select odd term from following figure series.



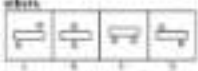
A B C D

(a) B (b) D
(c) C (d) A

RRB Group-D – 29/10/2018 (Shift-III)

Ans. (d) The given three figures A, B and C have four circles. So, it is clear that figure D is different from all others.

321. Identify that figure which is different from others.



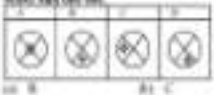
A B C D

(a) A (b) C
(c) B (d) D

RRB Group-D – 30/10/2018 (Shift-I)

Ans. (b) : In the other three figure A, B and D given, a small circle is above and below the rectangle but in figure C, both small circles are below the rectangle. Hence, figure C is different from all others.

312. Select odd one out.

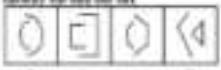


(a) B (b) C
(c) A (d) D

RRB Group-D – 30/09/2018 (Shift-I)

Ans. (c) : In figure A, the star (*) is formed at the center of the circle while in all other figure the star (*) is made at one part of the circle (outside). Hence, option (c) is correct.

313. Identify the odd one out.



A B C D

(a) C (b) B
(c) D (d) A

RRB Group-D – 30/09/2018 (Shift-I)

Ans. (a) : The figure given in A, B and C are similar and opposite to each other while the pattern in D are not similar to each other. Hence, figure D is different from the other three.

314. Identify the incorrect.

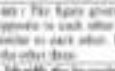
A B C D

(a) D (b) C
(c) A (d) B

RRB Group-D – 30/10/2018 (Shift-I)

Ans. (b) : Out of the given figures in figure C, the outer shape is shaded while the inside figure is shaded in all the others. Hence, option (b) is correct.

315. Which figure is not related to group.



(a) A (b) B
(c) C (d) D

RRB Group-D – 30/10/2018 (Shift-II)

Ans. (c) : Except figure C, all the figures have equal number of the bulb formed. Hence, figure C is different to the figure group.

316. Select odd one.

A B C D

(a) D (b) B
(c) C (d) A

RRB Group-D – 17/09/2018 (Shift-III)

Ans. (a) All the remaining figure are rotating clockwise while figure D is rotating anti-clockwise.

317. Which figure is different from group given below.

(a) B (b) D
(c) A (d) C

RPF Constable 21.01.2019 Shift : II

Ans. (d) : Figure C does not belong to the group because it has 4 blue and 2 red balloons while 3 others have 3 red and 3 blue balloons as option (d) is correct.

318. Identify the incorrect.

A B C D

(a) C (b) D
(c) B (d) A

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (d) Figure A is incorrect because it has 2 shapes inside the polygon, while the other has only 1 shape.

319. Select the figure that does not belong to the following group.

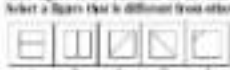
1 2 3 4

(a) 1 (b) 2
(c) 4 (d) 3

RRB Group-D – 27/11/2018 (Shift-III)

Ans. (c) In figure 1, 2 and 3 the picture is cut and the cut part is black while it is made white on the outside, while figure 4 is different. Because it has both the cut part and the removed part blackened.

320. Four of the five figures given below are identical in a certain way. However one of these figure is not the same as the other four. Select a figure that is different from others.



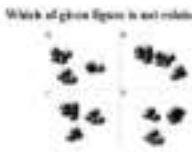
A B C D E

(a) E (b) A
(c) C (d) B

RRB Group-D – 15/11/2018 (Shift-I)

Ans. (a) : All figure are divided into two equal parts, whereas figure E does not. Hence, figure E is different.

311. Which of given figure is not related to group.



(a) D (b) A
(c) C (d) B

RRB Group-D – 15/11/2018 (Shift-II)

Ans. (d) : Balloon in figure B are numbered 1,4,3 respectively while balloon in all other shapes are numbered 3,4,5, respectively. So, the option (d) is correct.

312. Which of given figure is not related to group.

(a) C (b) B
(c) D (d) A

RRB Group-D – 12/11/2018 (Shift-III)

Ans. (d) : Except figure A, all the other images are shown in the same figure in a solid form.

313. Find the odd one out.

(a) C (b) A
(c) B (d) D

RRB Group-D – 25/10/2018 (Shift-II)

Ans. (a) Except figure C, All is lower figure can be obtained by rotating the top figure 180°. Hence, option (a) is correct.

314. Select the odd from given figure.

(a) D (b) C
(c) B (d) A

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (a) Except figure D, all the other figures have two small circles in the middle while figure D has a black dot.
Hence, option (a) is correct.

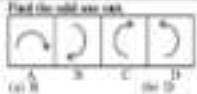
315. Three of these four are parallel in a particular system. One figure is not similar to other three in way. Select the remaining different figure.

(a) A (b) C
(c) D (d) B

RRB Group-D – 01/10/2018 (Shift-III)

Ans. (c) : Figure D is a different figure because it has different figure inside and outside. All others have the same figure.

316. Find the odd one out.



(a) B (b) D
(c) C (d) A

RRB Group-D – 18/09/2018 (Shift-I)

Ans. (b) The given figures A, B and C are clockwise pattern of the same figure while figure D is rotating anti clockwise.

317. Select the figure that different from three other.

(a) (b) (c) (d)

RRB NTPC 08.04.2016 Shift : I)

Ans. (a) Except figure (a), all other figure have shapes in chronological difference while figure (a) has a pentagon, quadrilateral and hexagon inside it.

318. Identify different figure from following.

(a) 4 (b) 3
(c) 2 (d) 1

RRB NTPC 07.04.2016 Shift : I)

Ans. (c) In figure (2) the triangle inside the circle is not shaded while in the other options the shape formed inside the circle is shaded. Hence, option (c) is correct.

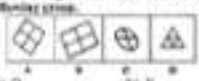
319. Find the odd one out.

(a) iii (b) ii
(c) i (d) iv
(e) A (f) B
(g) C (h) D

RRB NTPC 11.04.2016 Shift : I)

Ans. (d) Except in figure (iv) all other have in same digits written in their order, while figure (iv) has five digits and it is written. Hence, it is odd one.

140. Select the figure that does NOT belong to the following group.



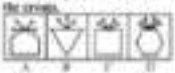
A B C D

(a) D (b) B
(c) A (d) C

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (d) In given figure figure C is made by circle and line which all other shapes are made by lines only.

141. Select the picture which does NOT belong to the group.



A B C D

(a) B (b) D
(c) C (d) A

RRB ALP & Tec. (30-08-18 Shift-I)

Ans. (d) In the group of shapes all the black dots of the shapes of box A are connected at the joint point of the two sides of the shape, while all the black dots of the shapes in Box B, C and D are connected in the middle of one of the sides of the shapes. Hence, option (a) does not belong to the group.

142. Select the picture that does not belong to the group :

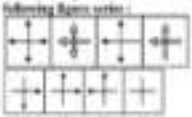
A B C D

(a) A (b) D
(c) B (d) C

RPF Constable 21.01.2019 Shift : III

Ans. (a) In given picture A consists of five leaves made in the circular shape inside, while all others have four leaves.

143. Select the option that will come next in the following figure series :



A B C D

(a) D (b) B
(c) C (d) A

RRB ALP & Tec. (30-08-18 Shift-II)

Ans. (a) The next term of the given question figure series is given in figure (a).

144. Select the figure that does NOT belong to the following group.

1 2 3 4

(a) 2 (b) 4
(c) 3 (d) 1

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (b) Figure 4 is different from the others because the edges indicating the number of their vertices in all the patterns original from the top, whereas in figure 4, the side originates from the top.

145. Select the figure that does NOT belong to the following group.

A B C D

(a) C (b) A
(c) B (d) D

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (a) Figure A, C and D are clockwise patterns of the same figure while figure B is different.

146. Select the figure that does NOT belong to the following group :

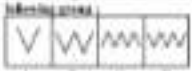
A B C D

(a) B (b) D
(c) A (d) C

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (b) + does not belong to following group as it is commonly used to add mathematical calculations. While all others are signs of brand generated.

147. Select the figure that does NOT belong to the following group :



A B C D

(a) C (b) A
(c) D (d) B

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (a) In the given figure, figure C is facing south while all others are facing north.

148. Select the figure that does NOT belong to the following group :

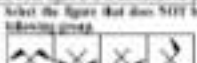
A B C D

(a) C (b) D
(c) A (d) B

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (b) Figure D does not belong to following group because all other pictures of figure is in clockwise manner, while figure D is in anticlockwise manner.

149. Select the figure that does NOT belong to the following group.



A B C D

(a) A (b) D
(c) C (d) B

RRB ALP & Tec. (29-08-18 Shift-III)

Ans. (a) : All the figure except figure C are replicas of the same figure. Hence, figure C does not belong to the following group.

350. Select the figure that does NOT belong to the following group.

A B C D

(a) B (b) D
(c) A (d) C

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (d) : Figure 'A' shape is made up of four sides and the figure is divided into three parts.
The figure 'B' is made up of five sides and the figure is divided into five parts.
The shape of the figure 'C' is made up of four sides and the figure is divided into five parts.
The shape of the figure 'D' is made up of six sides and the figure is divided into six parts.
Hence, figure 'C' is not related to other patterns. So, option (d) is correct.

351.

A B C D

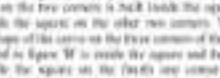
Select the figure that does not belong to the group.

(a) D (b) B
(c) C (d) A

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (b) : After observing the above figures, it is found that the shape of a curve is formed at each corner of the square formed in figure A, figure C and figure D and in these three figures, the shape of the curve of the square built on the two corners is built inside the square and outside the square on the other two corners. Whereas the shape of the curve on the four corners of the square formed in figure 'B' is inside the square and the rest is outside the square on the fourth one corner. Hence, figure 'B' does not belong to the given figure group.

352. Select the figure that does NOT belong to the following group.



A B C D

(a) D (b) A
(c) B (d) C

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (a) : One of the given figures, exactly the same type of shape has been created in each figure made in figure 'A', figure 'B' and figure 'C' and the background of the figure built inside is shaded. Whereas in the figure formed in the figure 'D', the upper figure is a hexagon and the inside is a pentagon and shaded. Thus, figure 'D' is not a part of the given figure group here.

353. Select the figure which does NOT belong to the group :

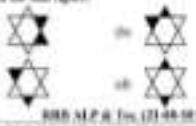
1 2 3 4

(a) 1 (b) 4
(c) 3 (d) 2

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (a) : In figure 1, the two shaded parts touch each other while the two shaded parts do not touch each other in all the remaining figures. Hence, option does not belong to the following group.

354. Find the odd figure:



(a) (b)
(c) (d)

RRB ALP & Tec. (31-08-18 Shift-II)

Ans. (c) : In the given figures, option (c) is different from other figures because in all the triangles one triangle are shaded in all figures but in figure C there is one in. Hence, option (c) does not belong to the following group.

355. Select the figure which does NOT belong to the group.

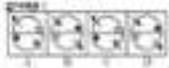
A B C D

(a) B (b) C
(c) D (d) A

RRB ALP & Tec. (31-08-18 Shift-III)

Ans. (c) : Except figure (c) all other figures are divided equally in four parts. Hence, option (c) does not belong to the following group.

356. Select the figure which does NOT belong to the group :



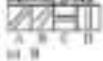
A B C D

(a) C (b) D
(c) A (d) B

RRB ALP & Tec. (31-08-18 Shift-III)

Ans. (b) : In the given group, figure D is different from all other because except figure D all other figures are moving clockwise but figure D is moving anti-clockwise.

357. Select the figure that does NOT belong to the following group.



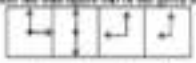
A B C D

(a) B (b) D
(c) A (d) C

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (a) : The given figures A,C and D have two parallel lines whereas there is no in figure B.

358. Select the odd figure out of the given series.



1 2 3 4

(a) 3 (b) 1
(c) 2 (d) 4

RRB ALP & Tec. (20-08-18 Shift-1)

Ans. (c) : The figure-3 will be different because in this an angle of 180° is being formed between two arrows whereas in all other figures an angle of 90° is formed between the two arrows.

359. Select the odd figure out of the following series.

1 2 3 4

(a) 1 (b) 4
(c) 3 (d) 2

RRB ALP & Tec. (17-08-18 Shift-1)

Ans. (a) : In the given all figures, the arrow mark is moving in in clockwise whereas in figure – 1, the arrow mark is moving anticlockwise. Hence, option (a) that is figure (1) does not belong to the following group.

360. Select the odd figure out of the given series.

1 2 3 4 5

(a) 3 (b) 5
(c) 4 (d) 2

RRB ALP & Tec. (16-08-18 Shift-1)

Ans. (b) : It is clear from question figures that 1, 2, 3 and 4 are made from line and arc, whereas figure – 5 is made from only lines. So, the figure – 5 is different.

361. Select the figure which does NOT belong to the group.

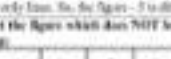
A B C D

(a) A (b) C
(c) B (d) D

RRB ALP & Tec. (14-08-18 Shift-1)

Ans. (b) : Except figure 'C' each figure is divided into two equal parts. So, figure 'C' is not related to group.

362. Select the odd figure out of the following series.



1 2 3 4

(a) 1 (b) 4
(c) 3 (d) 2

RRB ALP & Tec. (14-08-18 Shift-1)

Ans. (c) : In the cube figure 1,2 and 4, one corn has not been drawn, whereas figure in the 3 is different as two corns are not drawn in this particular cube.

363. Select the figure that does NOT belong to the following group :

1 2 3 4

(a) A (b) C
(c) B (d) D

RRB ALP & Tec. (14-08-18 Shift-3)

Ans. (a) : The figure 'A' is different from all other figures because in this figures are both on the both sides of the straight line.

364. Select the figure that does NOT belong to the following group :

1 2 3 4

(a) 4 (b) 2
(c) 3 (d) 1

RRB ALP & Tec. (17-08-18 Shift-1)

Ans. (b) : Taking the overview of the given question figure, it is obvious that figure 1, 2 and 4 have both lines are parallel to each other, whereas in figure – 3 both the lines are not parallel and they are bend towards each other at a certain angle. So, figure-3 is not related with other figures.

365. Select the figure that does NOT belong to the following group.

A B C D

(a) B (b) D
(c) C (d) A

RRB ALP & Tec. (13-08-18 Shift-3)

Ans. (c) : Figure C does not belong to the group of given figures because all the figures except C have diagonal symbols on each of the four corners of the square, whereas this is not in the case of figure C.

366. Select the figure that does NOT belong to the following group.

A B C D

(a) D (b) C
(c) B (d) A

RRB ALP & Tec. (13-08-18 Shift-3)

Ans. (b) : In the given figures, figure 'C' is not related to all other figures as figure C must have a total of 8 points inside the circle but it has also only 7 points.

367. Select the figure that does NOT belong to the following group.

A B C D

(a) A (b) D
(c) B (d) C

RRB ALP & Tec. (09-08-18 Shift-1)

Ans. (a) : In the figure B a triangle is made in the middle and outside a figure a quadrilateral is made which has one more side than the inner figure (triangle) whereas in other figures, the middle figure has one more side. Therefore, figure B is different from the group.

368. Select the odd figure out of the given series.

A B C D E

(a) C (b) A
(c) D (d) B

RRB ALP & Tec (09-08-18 Shift-II)

Ans. (a) : Looking at the figure given in the question, it is clear that the figure 'C' is different because two dots are used in it, while other figures has only one dot.

369. Which figure is not related to group.

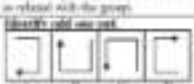
A B C D

(a) D (b) B
(c) C (d) A

RRB Group-D – 26/10/2018 (Shift-I)

Ans. (d) : In the given figure, the number and order of the objects in B,C,D are same while the number of objects in figure 'A' is same but the order is not same as related with the group.

370. Identify odd one out.



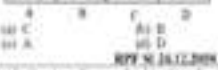
A B C D

(a) C (b) D
(c) A (d) B

RRB Group-D – 24/10/2018 (Shift-III)

Ans. (a) The figure 'C' is contradictory with other figures because this figure is rotating anti clockwise while others are rotating clockwise.

371. Identify the incorrect



A B C D

(a) C (b) B
(c) A (d) D

RPF SI 26.12.2018 Shift : I

Ans. (a) In the given figures, the direction of rotation of figure – 'C' is anticlockwise and the rotation of all other A,B and D figures are clockwise. Therefore, figure C is incorrect.

372. Select that figure which is different.

A B C D E

(a) C (b) D
(c) B (d) E

RRB Group-D – 15/12/2018 (Shift-I)

Ans. (a) In the figures – A,B,E,D the circle is divided into two equal parts while the circle in figure 'C' is not divided into two equal parts. So the figure – 'C' is different from other.

373. Select that figure which is different from others.

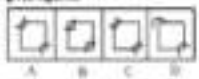
1 2 3 4 5

(a) 4 (b) 2
(c) 5 (d) 1

RPF Constable 21.01.2019 Shift : I

Ans. (b) : The figure – 2 is facing north direction while other figures are facing north direction.

374. Select the different figure from the others in given figures.



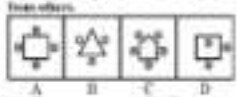
A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 31/10/2018 (Shift-III)

Ans. (c) : In the given figures the top corner of the square in all figures is opposite to each other but the orange at the top corner of the square in figure-D is in the same direction.

375. Identify the figure below which is different from others.



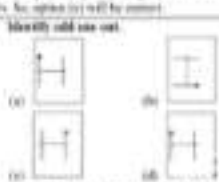
A B C D

(a) D (b) C
(c) A (d) B

RRB Group-D – 25/10/2018 (Shift-II)

Ans. (d) : Except figure D, the number of sides and circular shape are equal. So, figure D is different from others. So, option (c) will be correct.

376. Identify odd one out.

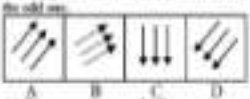


(a) (b)
(c) (d)

RRB Group-D – 26/10/2018 (Shift-III)

Ans. (a) Arrow marks are used in all the shapes whereas (?) is used in the shape (a). So the shape (a) is irrelevant.

377. Three of the following figures are identical in some way while the fourth is different. Identify the odd one.



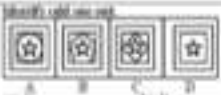
A B C D

(a) B (b) D
(c) A (d) C

RRB Group-D – 24/10/2018 (Shift-III)

Ans. (a) The figure B is different because it has arrows on the dotted line while the other three have the same figure.

378. Identify odd one out.



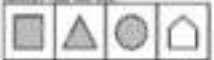
A B C D

(a) C (b) D
(c) B (d) A

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (d) All other figures are formed by simple line while figure A uses a circle which is odd. Hence, option (d) is correct.

379. Identify odd one out.



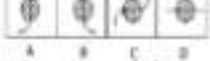
A B C D

(a) B (b) A
(c) C (d) D

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (d) The odd figure is D because this figure is not shaded. So, option – (d) is correct.

380. Identify odd one out.



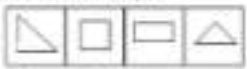
A B C D

(a) C (b) D
(c) B (d) A

RRB Group-D – 23/10/2018 (Shift-II)

Ans. (b) The figure D is different from all the other figures because the part outside the circular part is in the form of curve in all the others except figure D while in the figure D this part is in the form of a straight line.

381. Find the irrelevant among these.



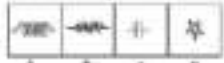
A B C D

(a) B (b) A
(c) C (d) D

RRB Group-D – 23/10/2018 (Shift-II)

Ans. (d) In the given shapes, the shape D is different from others because it lacks all other shapes have one right angle while each angle in shape D is an acute angle.

382. Find the different option. From the following.



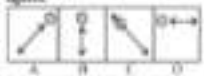
A B C D

(a) B (b) D
(c) A (d) C

RRB Group-D – 23/10/2018 (Shift-II)

Ans. (b) The figure D is different from all because all the other figures are of an identical closed device except figure D.

383. Identify the irrelevant figure from following figures.



A B C D

(a) B (b) D
(c) A (d) C

RRB Group-D – 23/10/2018 (Shift-III)

Ans. (d) : In the figure A, B and D, the small circle is at the one end of the line except figure C. So, the figure 'C' is not relevant.
Hence, option (d) is correct.

384. Identify odd one out.

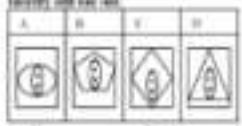
A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (c) : It is clear from the picture that the shape – D is a closed figure which is different from the other three. So the option – 'c' is correct.

385. Identify odd one out.



A B C D

(a) D (b) A
(c) C (d) B

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (b) : In figure A, smiley is formed in a circular shape whereas in other figures smiley is formed in linear shape. So the figure 'A' is different from other.

106. Select different from following.

A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (a) In the given question, the figure – 'A' is different because in it both the lines are parallel to each other while in the other figures two lines are directly intersecting each other.

107. Select different from following.

A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (d) Figure 'C' is open in one and while other figures are closed. So, figure 'C' is different from others.

108.

A B C D

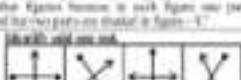
Select that figure which is different from available option in among group.

(a) A (b) D
(c) C (d) B

RRB Group-D – 11/10/2018 (Shift-I)

Ans. (a) : The figure – C in the group is different from all other figures because in each figure one part is shaded but two parts are shaded in figure – 'C'.

109. Identify odd one out.



A B C D

(a) D (b) B
(c) C (d) A

SFF SI 14.01.2019 Shift : III

Ans. (a) In the given figures, the figure-'D' is odd. Because in the other three figures, both lines are cutting each other at 90 degrees.

110. Which figure is odd in following figure series.

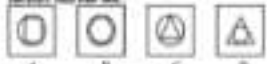
A B C D

(a) B (b) C
(c) D (d) A

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (b) In the given figure, figure 'C' is odd, because in other three figures two different figures has been made and one of them has been shaded, but in figure 'C' two same figures has been made and one of them has been shaded.

111. Identify odd one out.



A B C D

(a) D (b) C
(c) B (d) A

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (a) All the figures except figure 'D' are inside the one in which figure D has a circle inside the triangle.

112. Which of the following figure are different from others.

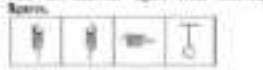
A B C D

(a) B (b) A
(c) D (d) C

RRB Group-D – 08/10/2018 (Shift-I)

Ans. (c) Except figure 'D' all others have two parallel lines. So, options is different.

113. Find the different figure from following figures.



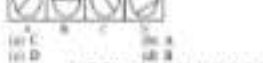
A B C D

(a) C (b) B
(c) D (d) A

RRB Group-D – 08/10/2018 (Shift-I)

Ans. (c) The shape D is different from all others while the shapes of other three is similar. So, option (c) is correct.

114. Select the odd one from the following.



A B C D

(a) C (b) A
(c) D (d) B

RRB Group-D – 08/10/2018 (Shift-I)

Ans. (c) The figure D is different from other. Except figure 'D' all other figures are divided into two equal parts. So the option – c is correct.

115. Select the odd one from following.

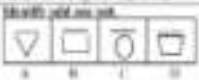
A B C D

(a) C (b) A
(c) B (d) D

SFF Constable 20.01.2019 Shift : II

Ans. (d) H2O (The formula of water) is used in chemistry while other letter are the signs of mathematics. So the option - (d) is odd.

196. Identify odd one out.



(a) A (b) C
(c) B (d) D

RRB Group-D – 08/10/2018 (Shift-II)

Ans. (b) : The figure - 'C' is odd because oval shape is used in it whereas other figures have been made with only line segments.

197. Identify odd one out.

(a) A (b) C
(c) D (d) B

RRB Group-D – 08/10/2018 (Shift-II)

Ans. (b) It is clear from figure that the figure - C is odd because except figure C, all the figures have the same figure as both outside and inside and the inside figure is shaded.

198. Identify odd one out.

(a) A (b) C
(c) B (d) D

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (d) Except in figure D, in all others figures the head is hanging down.
Hence, option (d) is odd one.

199. Find odd one in the given figure.

(a) A (b) C
(c) B (d) D

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (b) In the given figures, figure - C will be odd because in the rest of the figures the number of dots inside the shape and outside the shapes are equal whereas as in figure C it is not so.

200. Select odd one in the given series.

(a) B (b) C
(c) A (d) D

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (c) In the given series, figure A is odd. Except the figure 'A', the line goes through the middle of the triangles in the remaining four figures.

201. Three of the four figures given below are similar in some way. While one is not similar to others. Select the figure which is different from others.

(a) B (b) C
(c) D (d) A

RRB Group-D – 01/10/2018 (Shift-I)

Ans. (b) In the given figures, the figure 'C' is different from others, while all other figures have the same number of box and line segment. So the option - 'b' is correct.

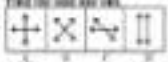
202. Three of the four figures given below are similar in some way. While one does not equate them. Select the figure which is different from others.

(a) C (b) D
(c) A (d) B

RRB Group-D – 01/10/2018 (Shift-II)

Ans. (b) Except the figure - D the diagonals shapes of each square are the same as other shapes. So, the option 'b' is true.

203. Find the odd one out.

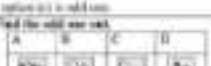


(a) B (b) A
(c) D (d) C

RRB Group-D – 08/09/2018 (Shift-I)

Ans. (a) In the given pictures, the picture-D is different from others. In all the pictures, two lines are intersecting each other whereas two lines are parallel to each other in picture D.
Hence, option (a) is odd one.

204. Find the odd one out.

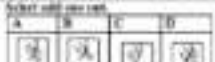


(a) D (b) B
(c) A (d) C

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (b) In the given figures, except figure 'B' the background is shaded and inside the background only one picture is shaded. So, option (b) is correct.

205. Select odd one out.

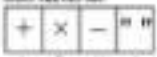


(a) B (b) C
(c) D (d) A

RRB Group-D – 20/09/2018 (Shift-III)

Ans. (b) : The shapes – A, B and D display the same shape while the shape – 'C' is different. So the option (b) is correct.

406. Select odd one out.



(a) B (b) C
(c) D (d) A

RRB Group-D – 22/09/2018 (Shift-I)

Ans. (c) : Except figure D, All others figures have mathematical symbols. So the picture D is odd.
Hence, option (c) is correct.

407. Select odd one out.

(a) B (b) D
(c) A (d) C

RRB Group-D – 22/09/2018 (Shift-I)

Ans. (d) : Except in figure C, all other figures have squares inside the figure. So the option (d) is odd one.

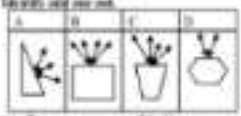
408. Identify odd one out.

(a) D (b) A
(c) C (d) B

RRB Group-D – 23/09/2018 (Shift-I)

Ans. (c) : The figure C is different because in all other shapes 1/4 part is shaded and in figure C 2/4 parts are shaded. So the option (c) is odd.

409. Identify odd one out.



(a) B (b) C
(c) A (d) D

RRB Group-D – 24/09/2018 (Shift-II)

Ans. (d) : All the shapes in the given series have the same number of arms and arrows, except in the shape 'D'. So the shape 'D' is odd.

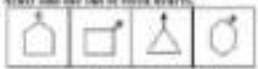
410. Identify odd one out.

(a) D (b) A
(c) C (d) B

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (c) : Except in figure C, the arrow is drawn from the midpoint of sides. Hence, option (c) is odd one.

411. Select odd one out of given figures.



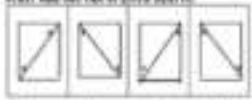
(a) D (b) B
(c) C (d) A

RRB Group-D – 03/10/2018 (Shift-I)

Ans. (a)

In the given figure, the arrow is drawn in the figure A, B, C at the edge of the shapes, while the arrow mark in the figure – D is drawn from the middle of the side. So figure D will be odd.

412. Select odd one out of given figures.



(a) A (b) D
(c) C (d) B

RRB Group-D – 03/10/2018 (Shift-I)

Ans. (a)

In figures B, C, D, the points are placed at an obtuse angle while in the figure 'A' it is not so.

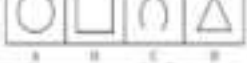
413. Identify different figure from the following.

(a) b (b) a
(c) d (d) c

RRB Group-D – 03/10/2018 (Shift-II)

Ans. (a) The shapes c, b, a are divided into four equal parts whereas the two figures are made on top of each other in shape d. So the shape 'd' is different.

414. Find the different figure from given figures.



(a) C (b) D
(c) A (d) B

RPF Constable 20.01.2019 Shift : III

Ans. (a) : The figures given as A, B and D are closed figures whereas the figure given in C is open figure. So the figure C is different.

419. Find odd one out.

(a) D (b) A
(c) B (d) C

RRB Group-D – 19.10.2018 (Shift-II)

Ans. (d) : In the given figures, the number of lines drawn on the circumference of the circle is 4 while the number of lines on the circumference of the given circle in option C is 3. So the option (d) is different from others.

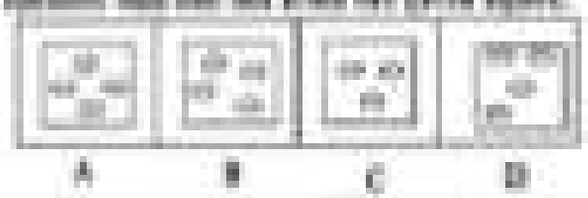
420. Identify odd one out of the given figures.

(a) B (b) D
(c) A (d) C

RRB Group-D – 18.10.2018 (Shift-III)

Ans. (a) : In the given figures, figure B is odd because the figure B is facing north direction while all other figures are facing south direction.

421. Identify odd one out from the given figures.



A B C D

(a) D (b) A
(c) C (d) B

RRB Group-D – 29.10.2018 (Shift-III)

Ans. (a) : In the given figures, there are 4 circles in the figures – A, B and D each, whereas the figure – C has 3 circles. So the figure – C is different from others.

422. Identify odd one out.

(a) A (b) B
(c) D (d) C

RRB Group-D – 22.10.2018 (Shift-III)

Ans. (c) The figure – D is odd because there are two arrows in the given figure A, B and C, which only one arrow is made in figure – D.

423. Identify odd one out.

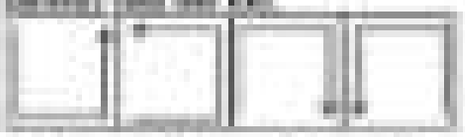
A B C D

(a) B (b) D
(c) A (d) C

RRB Group-D – 24.10.2018 (Shift-I)

Ans. (b) The figure – D is odd in all the four figures except the figure – B, the remaining figures are made up of the five sides.

424. Identify odd one out.



A B C D

(a) D (b) A
(c) B (d) C

RRB Group-D – 24.09.2018 (Shift-I)

Ans. (d) : The figure A, B and D are moving anti-clockwise 90°. But it is not in figure – C. So it is clear that figure C is odd.

425. Identify odd one out.

A B C D

(a) B (b) C
(c) A (d) D

RRB Group-D – 26.09.2018 (Shift-III)

Ans. (d) : In the above figure, the figure D is different from all other as other figures contains two figures and one circle.

426. Identify odd one out.

A B C D

(a) A (b) C
(c) D (d) B

RRB Group-D – 04.10.2018 (Shift-II)

Ans. (a) : Two odd-even figures A, C, D have been shaded while in the figure A one odd is shaded. So the figure 'A' is different.

427. Select the odd figure from following.

A B C D

(a) C (b) B
(c) A (d) D

RRB Group-D – 05.10.2018 (Shift-I)

Ans. (d) In the given figure, figure D is different from others because in figure A, B and C, the two shapes are interacts each other. Whereas there is not so in figure D.

428. Select the odd figure from following.

A B C D

(a) B (b) d
(c) c (d) a

RRB Group-D – 05.10.2018 (Shift-I)

Ans. (c) In the given figure, the figure given in option

425. Select odd one out.

A B C D

(a) D (b) A
(c) B (d) C

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (a) : In the given figure, except the pattern D the remaining three figure have two parallel lines.

426. Select odd one out.

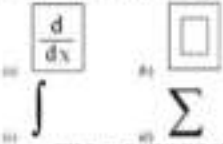
A B C D

(a) C (b) A
(c) B (d) D

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (a) In the given figure, Except in figure (a) half of the circle is shaded in remaining figure. Hence, option (c) is odd one.

427. Select the different from the following.



(a) (b)
(c) (d)

RRB Group-D – 11/10/2018 (Shift-III)

Ans. (b) : In the given figure, the options a, c and d are mathematical symbols whereas the figure b is a mathematical shape. So, the figure (b) is different from others.

428. Select different figure from given figures.

A B C D

(a) C (b) A
(c) B (d) D

RPF SI 18.01.2019 Shift – II

Ans. (d) : Figure – A, B and C are shaded on half of the right parts whereas the figure – D does not display this. So, the option (d) is different.

429. Select different figure from above figures.

A B C D

(a) A (b) D
(c) B (d) C

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (b) : The figures A, B and C are the same shape is made inside and outside the figure, while the figure – 'D' is different because inside the quadrilateral, a hexagon.

430. Select different figure from given figures.

A B C D

(a) C (b) D
(c) A (d) B

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (b) : In the figure – A, B and C the shaded parts are made towards one side in these figures, whereas in figure – 'D' the shaded parts in both shapes are not towards one side. So, the figure 'D' is different.

431. Find the odd one out.

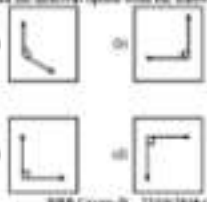
A B C D

(a) C (b) B
(c) D (d) A

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (d) One of the given figures, the figure – 'A' is different because except the figure – 'A' all the remaining figures are made with parallel lines.

432. Find the different option from the following.

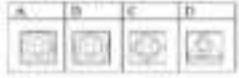


(a) (b)
(c) (d)

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (a) : In the given figure, the option – (a) is different from others because the angle formed between the two lines is right angle in all figures.
Hence, option (a) is odd one.

433. Identify odd one out.



A B C D

(a) A (b) B
(c) C (d) D

RPF Constable 22.01.2019 Shift – III

Ans. (d) : It is clear from the above figure that the shape 'D' asymmetrical as the face figure made in opposite direction from others.
Hence, option (d) is odd one.

414. Select the different in the group.

(a) C (b) B
(c) A (d) D

RRB Group-D – 22/10/2018 (Shift-I)

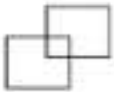
Ans. (c) In the group, the figure 'A' is different because the remaining figures are drawn by the continuous polygon or triangle. So, the figure A is different.

415. Identify odd one out from the given figures.

(a)

(b)

(c)

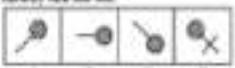


(d)

RRB Group-D – 22/10/2018 (Shift-II)

Ans. (d) : From the given figures, it is clear that the odd figure is given in option – (d) because both figures do not intersect to it.

416. Identify odd one out.



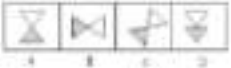
A B C D

(a) C (b) B
(c) A (d) D

RRB Group-D – 24/10/2018 (Shift-I)

Ans. (d) : In the given figure, the figure – 'D' is odd.

417. Identify odd one out.



A B C D

(a) A (b) C
(c) D (d) B

RRB Group-D – 24/10/2018 (Shift-II)

Ans. (a) In the figures A, B and C, two triangles are interconnected by tips whereas in figure – 'D' both triangles are connected by tips and base. So, the figure – 'D' is odd.

418. Identify odd one out from the given figures.

(a)

(b)

(c)

(d)

RRB Group-D – 26/10/2018 (Shift-I)

Ans. (b) The given shape in the options a, c and d are inside the circle figure whereas in figure – 'b' the circle is outside of the figure. So, it is clear that the figure – 'b' is different from all other.

419. Identify which is different from them.

A B C D

(a) D (b) A
(c) C (d) B

RRB Group-D – 26/10/2018 (Shift-II)

Ans. (c) : The figure – 'C' is different because both shapes are different to it, whereas in the other figures, both shapes are equal.

420. Identify odd one out from the given figures.

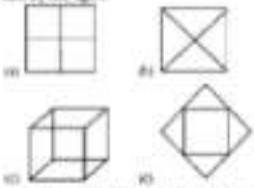
A B C D

(a) D (b) C
(c) A (d) B

RRB Group-D – 26/10/2018 (Shift-III)

Ans. (d) : Here, in the figures A,B,C, the number of points are the same to the number of sides. Whereas, more is not so in the figure – 'D'. So, the figure – 'D' is different from others.

441. Identify odd figure.



(a) (b) (c) (d)

RPF Constable 12.01.2019 Shift : III

Ans. (a) In the given options, option 'a' is different figure because the options is three dimensional shape and the rest three options are two dimensional shapes.

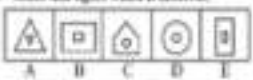
442. Find odd figure from the followings.

(a) C (b) B
(c) A (d) D

RRB Group-D – 06/12/2018 (Shift-II)

Ans. (d) According to the question, in the figure two lines is formed inside the circle in the same direction A, B and C, while the direction of the line in the figure - 'D' is different. So, the figure 'D' is odd one.

443. Select that figure which is different.



A B C D E
(a) A (b) C
(c) E (d) D

RRB Group-D – 04/12/2018 (Shift-II)

Ans. (b) In the given figures, the figure 'C' is different from others because inside each figure, the same figure is formed, whereas in the figure 'C' there is circle in place of the pentagon.
Hence, option (b) is correct.

444. Select odd figure from given figure.

A B C D
(a) B (b) D
(c) A (d) C

RRB Group-D – 03/12/2018 (Shift-II)

Ans. (d) Out of the given figures, the figure - 'C' is different as the figure A, B and D are divided into four parts but the figure - C is divided into only two parts.

445. Select odd one out.

A B C D
(a) D (b) A
(c) C (d) B

RRB Group-D – 28/11/2018 (Shift-I)

Ans. (b) In the figure - 'A', the difference between the inside and outside side is 2, while in other figure, the difference between the side is 1. So, the figure - 'A' is different.

446. Select that figure which is different from other.

(a) (b) (c) (d)

RRB Group-D – 28/11/2018 (Shift-I)

Ans. (a) In the figures b, c and d the total of points is 14 whereas the total of same given in the figure 'a' is 13. So, the figure 'a' is different from others.

447. Select the different figure in given figures.

A B C D
(a) C (b) B
(c) D (d) A

RRB Group-D – 11/12/2018 (Shift-III)

Ans. (a) The given figures - A,B and D have given the same image while in figure - C, the figure is place in the same way. So, the figure - C is different from other.

448. Select the different figure in given figures.

A B C D
(a) C (b) A
(c) B (d) D

RPF SI 12.01.2019 Shift - III

Ans. (a) In the given figures A, B and D, half of the figure is filled with left black colour while in figure 'C' is not filled with black colour fully. So, the figure 'C' is different from other.

449. Select the different figure in given figures.

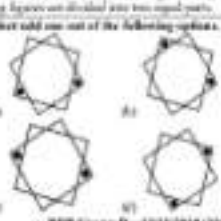
A B C D

(a) B (b) A
(c) C (d) D

RRB Group-D – 02/11/2018 (Shift-I)
RRB Group-D – 12/11/2018 (Shift-I)

Ans. (d) In the given figures, the figure – 'D' is different from others because except the figure – 'D' the remaining figures are divided into two equal parts.

450. Select odd one out of the following options.



(a) (b)
(c) (d)

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (a) The option figure 'a' is odd because except figure'a' in the remaining three figures one point is within one square and the other point is inside another square.

451. Identify the inconsistent.

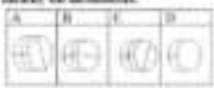
A B C D

(a) C (b) A
(c) D (d) B

RRB Group-D – 12/11/2018 (Shift-III)

Ans. (a) : In the figure – A, D and C, two lines are drawn parallel while in the figure – D both lines are drawn perpendicular to each other. So, the figure – D is inconsistent.

452. Identify the inconsistent.



A B C D

(a) D (b) B
(c) C (d) A

RRB Group-D – 09/11/2018 (Shift-II)

Ans. (a) : In the given figure, the pattern of figure – D is different from rest of A, B and C because there were three dotted in the figure A, B and C while the figure – 'D' contains only two dotted. So the option (a) is correct.

453. Choose the figure which is different from the others in the given set

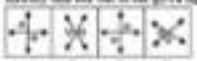
(A) (B) (C) (D)

(a) B (b) D
(c) C (d) A

RRB Group-D – 05/11/2018 (Shift-III)

Ans. (b) Except the figure – 'D' the angle of 90° degrees is being formed at the center of the circle. So the figure – 'D' is different from other.

454. Identify odd one out of the given figures.



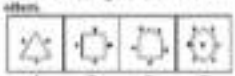
A B C D

(a) B (b) D
(c) A (d) C

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (b) The figure – 'D' is different from the remaining figures in the given figures. So, the option (b) is correct.

455. Three of the four figures given below are similar in some way, while one does not equate them. Select the figure which is different from others.



A B C D

(a) B (b) C
(c) D (d) A

RRB Group-D – 02/11/2018 (Shift-III)

Ans. (c) The figure – 'D' is different from others in the given figures.

456. Select the figure which is different from others.

A B C D

(a) C (b) A
(c) B (d) D

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (a) The picture – D is different from the group of pictures because except the figure – D, the remaining pictures are divided into four equal parts but the figure – D is divided into five equal parts.

457. Which one of the following is different from the other.

A B C D

(a) A (b) B
(c) C (d) D

RPF SI 12.01.2019 Shift - I

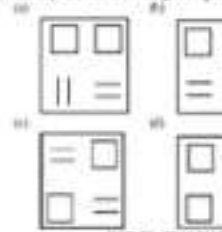
Ans. (iii) : In the given group of figures, the figure - 'C' is different from others because the star (*) is in the other figure is in alternate order while the star in the figure 'C' is not in the alternate order.

438. Identify odd one out of the given figures.

RRB JE - 30/09/2019 (Shift-III)

Ans. (d) Except the option - 'd' in all other options both figures are mirror similar.

439. Identify odd one out of the given figures.



RRB JE - 27/09/2019 (Shift-I)

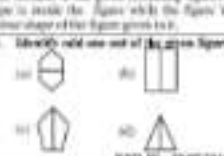
Ans. (a) : Option (a) will be different from the other three options because in all the remains options, one line is vertical and the other horizontal while in option (a) both lines are horizontal.

440. Identify odd one out of the given figures.

RRB JE - 30/09/2019 (Shift-III)

Ans. (d) : The figure 'd' will be different from other three because in the given remaining figures the same shape is inside the figure while the figure 'd' has the previous shape of the figure given to it.

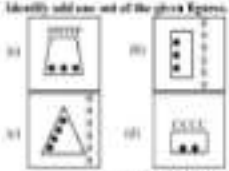
441. Identify odd one out of the given figures.



RRB JE - 29/09/2019 (Shift-I)

Ans. (a) : The figure given in option (b), (c) and (d) is divided by a vertical line while the figure of the option (a) is divided by a horizontal line. So, the option (a) is different.

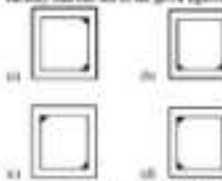
442. Identify odd one out of the given figures.



RRB JE - 29/09/2019 (Shift-I)

Ans. (c) : In the given options, the option a, b and d have the equalent of letters twice the given points in the figure whereas option (c) does not have so. So, the option (c) is different from others.

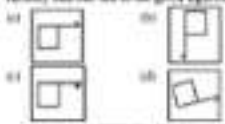
443. Identify odd one out of the given figures.



RRB JE - 28/09/2019 (Shift-II)

Ans. (c) : In the option (c), the shaded triangle is opposite of each other whereas in other options have not so. So, option (c) is different from others.

444. Identify odd one out of the given figures.



RRB JE - 28/09/2019 (Shift-II)

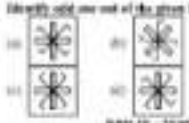
Ans. (c) : In the option (c) the arrow is towards the square while in other options, the arrow is opposite to square. So, the option (c) is different from others.

445. Identify odd one out of the given figures.

RRB JE - 31/09/2019 (Shift-I)

Ans. (c) : In the given figures, the option - 'c' is odd because in the given picture does not to over water except while other options have water image.
Hence, the option (c) is odd one.

466. Identify odd one out of the given figures.



RRB JE - 25/05/2019 (Shift-I)

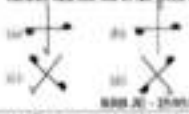
Ans. (b) : In the given options, the shape made from double line by the shape of (+) in options (b), while the other three shapes made from double line by the shape of (+). So the option (b) is odd.

467. Identify odd one out of the given figures.

RRB JE - 24/05/2019 (Shift-I)

Ans. (d) : In the given figures, inside the figures shaded square and red are diagonally of each other while in the figure 'd' both are face to face.

468. Identify odd one out of the given figures.



RRB JE - 25/05/2019 (Shift-II)

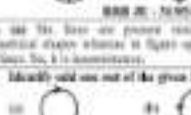
Ans. (a) : The option (a) is different because all other three figures are the same.

469. Identify odd one out of the given figures.

RRB JE - 26/05/2019 (Shift-II)

Ans. (a) : Six lines are present inside the given geometrical shapes whereas in figure option - (a) has five lines. So, it is nonsensicalness.

470. Identify odd one out of the given figures.



RRB JE - 02/06/2019 (Shift-I)

Ans. (b) : The rotational direction of the circles in options (a), (c), (d) is clockwise, whereas the rotational direction of circles in option (b) is anticlockwise. So, the option - (b) is odd.

471. Identify odd one out of the given figures.

RPF SI 13.01.2019 (Shift - II)

Ans. (a) : Except the figure option (a) in all shaded triangular part and arrow right both are in the same direction. So the option (a) is incompatible.

472. Identify odd one out of the given figures.

RRB JE - 29/05/2019 (Shift-II)

Ans. (a) : In the given figures, b, c and d, the arrow is located on the sides while in the figure (a) the arrow is located on the corner.

473. Identify odd one out of the given figures.

RPF SI 13.01.2019 (Shift - I)

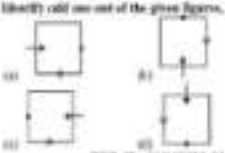
Ans. (a) Except the option (a) in all other options the black circle inside the square is connected to a diagonal of the square by a line while the circle inside the option figure (a) is connected to the side of the square by line. Hence, it is clear that figure (a) is different from all others.

474. Identify odd one out of the given figures.

RRB JE - 26/05/2019 (Shift-II)

Ans. (a) Except option (a) in all figures one leaf of a flower inside the lines is black, so option (a) is inconsistent among the rest.

475. **Identify odd one out of the given figures.**

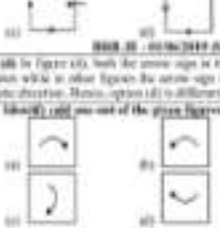


(a) (b) (c) (d)

RRB JE - 01/06/2019 (Shift-III)

Ans. (d) In figure (d), both the arrow sign is in the same direction while in other figures the arrow sign is in the opposite direction. Hence, option (d) is different one.

476. **Identify odd one out of the given figures.**



(a) (b) (c) (d)

RRB JE - 01/06/2019 (Shift-III)

Ans. (b) Rotating the figure 90° clockwise is getting the option figure (a), (c) and (d), but the option figure (b) is not getting. So option (b) is different from the other.

477. **Select different figure from given figures.**

(a) C (b) A
(c) D (d) B

RRB Group-D - 02/11/2018 (Shift-I)

Ans.(c) Figure D is different from all given patterns. Because big picture is shaded in figure D while small pictures are shaded in remaining figures.

478. **Which of the following figures is different from the rest?**

FIGURE 1 FIGURE 2 FIGURE 3 FIGURE 4

(a) Figure 2 (b) Figure 4
(c) Figure 1 (d) Figure 3

RRB NTPC 10.02.2021 (Shift-II) Stage Ist

Ans. (d) : In the given figures, the patterns of figure (1), (2) & (4) are all same while in the third figure the shaded pattern of the first line makes it different from all. Hence, the third figure is different from all.

479. **Three of the following four figures are similar in a certain way and one is different. Select the figure that is different.**

Figure 1 Figure 2 Figure 3 Figure 4

(a) Figure 3 (b) Figure 1
(c) Figure 4 (d) Figure 2

RRB NTPC 04.03.2021 (Shift-II) Stage Ist

Ans. (c) : In the given figures, option figure (4) is different because all others figure are made of group of letter x.

480. **Three of the following four figures three are similar in a certain way and one is different. Select the figure that is different from the rest.**

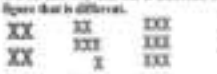


FIGURE 1 FIGURE 2 FIGURE 3 FIGURE 4

(a) Figure 4 (b) Figure 3
(c) Figure 2 (d) Figure 1

RRB NTPC 09.03.2021 (Shift-II) Stage Ist

Ans. (a) : Except in figure 4, the letters in all other figures are rotated 90° clockwise while the letter in figure (4) is rotated 90° anti-clockwise. Hence, figure (4) is inconsistent with the others.

481. **The following six figures from a logical series, but of the A,B, C and D is wrong figure in the series. Identify the wrong figure.**

(a) D (b) B
(c) C (d) A

RRB NTPC 14.07.2021 (Shift-I) Stage Ist

Ans. (a) : In the given figure series, figure D is wrong because in figure D the given pattern 'O' is shaded whereas the pattern of other figure is blank.

Hence, option (a) is correct answer.

Type - 5

482.

Which figure are similar in above series.

(a) 1, 2, 5 ; 3, 6, 4 ; 2, 7, 9
(b) 1, 2, 9 ; 3, 6, 4 ; 5, 7, 9
(c) 1, 2, 9 ; 3, 6, 5 ; 4, 7, 9
(d) 4, 1, 4 ; 3, 2, 9 ; 5, 6, 5

RRB Group-D - 31/10/2018 (Shift-III)

Ans. (d) : Groups with similar figure are as follows:- (4, 1, 4); (3, 2, 9); (5, 6, 5)

403.

Similar figure of above group is.

(a) 1, 2, 5 ; 6, 8, 4 ; 3, 7, 9
(b) 1, 3, 2 ; 5, 6, 4 ; 8, 7, 9
(c) 1, 2, 8 ; 5, 6, 3 ; 4, 7, 9
(d) 1, 2, 3 ; 5, 6, 8 ; 4, 7, 9

RRB Group D – 31/10/2019 (Shift-1)

Ans : (b) Double lines are in figure - 1, 3, 2.
Triple lines are in figure - 5, 6, 4
Four lines are in figure - 8, 7, 9
So group (b) is correct.

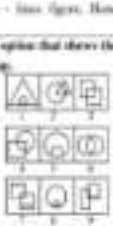
404. Select that option that will logically group the following figures.

(a) 1, 3, 5 ; 2, 7, 8 ; 4, 6, 9
(b) 1, 2, 8 ; 3, 4, 5 ; 6, 7, 9
(c) 1, 3, 5 ; 2, 7, 8 ; 4, 6, 9
(d) 1, 3, 9 ; 2, 4, 8 ; 6, 7, 9

RRB Group-D – 27/11/2019 (Shift-1)

Ans. (a) It is clear from the figure that the group will logically contain(a) 1, 3, 5 two-lines, 2, 7, 8 four lines and 4,6,9 three - lines figure. Hence option (a) is correct.

405. Select the option that shows the same figures in given group.

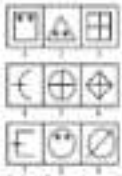


(a) 1, 8, 5 ; 7, 6, 3 ; 4, 2, 9
(b) 1, 2, 7 ; 5, 6, 4 ; 3, 7, 9
(c) 1, 8, 4 ; 5, 6, 3 ; 4, 7, 9
(d) 1, 2, 9 ; 5, 6, 4 ; 3, 7, 9

RRB Group D – 02/11/2018 (Shift-3)

Ans. (a) According to the question, figures with same group are as follows.
1,8,5
7,6,3
4,2,9
Hence, option (a) is correct.

406.



Select figure from following that are similar in the above group.

(a) 1, 2, 7 ; 5, 6, 4 ; 3, 7, 9
(b) 1, 2, 9 ; 5, 6, 4 ; 3, 7, 9
(c) 1, 2, 3 ; 5, 6, 8 ; 4, 7, 9
(d) 1, 2, 8 ; 5, 6, 3 ; 4, 7, 9

RPF Constable 22.01.2019 (Shift - 1)

Ans. (d) : According to the question (1, 2, 8), (5, 6, 3), (4, 7, 9) is appropriate group formed by given figure.

407. Make three groups by using each figure only once given below. There are three groups formed in this way is-

(a) (1, 5, 3), (2, 7, 8), (6, 4, 9)
(b) (1, 5, 3), (2, 4, 8), (6, 7, 9)
(c) (1, 5, 3), (6, 4, 8), (2, 7, 9)
(d) (1, 5, 3), (2, 4, 8), (6, 7, 9)

RRB ALP & Tec. (13-08-18 Shift-1)

Ans. (d) : After observing the figures given in the question,
(a) Another figure is formed at the top of the figure in figure 1, 3 and 5.
(b) In figure 2,4 and 6, one figure is overlaps the other in each shape.
(c) In figure 6, 7 and 8, another shape is formed inside each shape.
Thus, option (d) is the correct option.

408. If three groups can be formed using each of the given figures only once, then these groups will be _____.

(a) (1, 5, 8), (2, 4, 7) and (3, 6, 9)
(b) (1, 5, 7), (2, 4, 9) and (3, 6, 8)
(c) (1, 5, 7), (2, 6, 9) and (3, 4, 9)
(d) (1, 5, 7), (2, 4, 8) and (3, 6, 9)

RRB ALP & Tec. (09-08-18 Shift-II)

Ans. (d) : Group of given figures is as follows.
(1,5,7), (2,4,8) and (3,6,9)
Hence, option (d) is correct.

489. Form three groups using each figure only once given below. The three groups thus formed are:

(a) (1,4,7), (2,3,6), (5,7,8)
(b) (1,2,7), (4,3,6), (5,7,8)
(c) (1,2,6), (4,5,7), (5,7,8)
(d) (1,2,7), (4,7,6), (5,5,8)

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (b) : In the figures given in the question.
The figure (1, 2 and 7) are formed using two straight lines.
The figure (4, 3 and 6) are formed using three straight lines.
The figure (5, 7 and 8) are formed using four straight lines.
Hence, option (b) is correct.

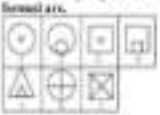
490. If three groups can be formed using the given figures only once the three groups will be ____.

(a) (1, 4, 7), (2, 3, 6) and (5, 8, 9)
(b) (1, 4, 7), (2, 9, 6) and (5, 3, 9)
(c) (1, 4, 7), (3, 3, 6) and (2, 9, 9)
(d) (2, 4, 7), (1, 3, 6) and (5, 8, 9)

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (d) : A total of three group of three pictures can be formed by using these three the pictures given in the above question or using pictures only once. These groups will be :
(1) Picture (1, 4, 7)
(2) Picture (2, 3, 6)
(3) Picture (5, 8, 9)
Hence, option (d) is correct.

491. Use each of the following figures only once to form three groups. The three groups thus formed are.



(a) (1, 7), (2, 3, 4), (6, 5)
(b) (1, 7), (2, 5, 4), (6, 5)
(c) (1, 7), (2, 6, 4), (5, 5)
(d) (5, 7), (2, 3, 4), (6, 1)

RPF Constable 20-01-2019 Shift - I

Ans. (b) : According to the question, the appropriate group is as follows:
(1, 7), (2, 3, 4), (6, 5)
Hence, option (b) is correct.

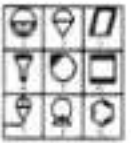
492. If three groups can be formed using the given figures only once, then three groups will be ____.

(a) (1, 5, 6), (2, 3, 7) and (3, 4, 8)
(b) (1, 5, 6), (2, 4, 7) and (3, 3, 8)
(c) (1, 5, 6), (3, 4, 7) and (2, 5, 8)
(d) (1, 5, 6), (2, 4, 8) and (3, 3, 7)

RRB ALP & Tec. (21-08-18 Shift-III)

Ans. (b) : According to the question, correct group are as follows:
(1, 5, 6), (2, 4, 7) and (3, 3, 8)
Hence, option (b) is correct.

493. If three groups can be formed using the given figures only once, then three groups will be ____.



(a) (8, 3, 6), (2, 3, 7) and (1, 4, 8)
(b) (8, 3, 6), (2, 4, 7) and (1, 3, 9)
(c) (8, 3, 7), (2, 4, 6) and (1, 3, 8)
(d) (8, 3, 6), (2, 4, 7) and (1, 3, 8)

RRB ALP & Tec. (21-08-18 Shift-III)

Ans. (d) : According to the question, correct group are as follows:
(8, 3, 6), (2, 4, 7) and (1, 3, 8)
Hence, option (d) is correct.

494. If three groups could be formed using the given figures only once, these groups would be :

(a) (1, 5, 4), (3, 4, 6) and (2, 5, 8)
(b) (2, 5, 6), (3, 3, 7) and (2, 4, 8)
(c) (2, 5, 6), (3, 4, 7) and (2, 5, 8)
(d) (1, 5, 6), (3, 4, 7) and (2, 3, 8)

RRB ALP & Tec. (17-08-18 Shift-I)

Ans. (d) : All groups in correct given in option (d) on the basis of lines. Such as three-three lines in the first group, four - four lines in the second and five-five lines in the third group.

495. Use each of the following figures only once and form three groups. The three groups thus formed are:

(a) (1, 5, 7), (2, 6, 9), (4, 3, 8)
(b) (1, 5, 7), (2, 3, 9), (4, 6, 8)
(c) (1, 3, 7), (2, 6, 9), (4, 5, 8)
(d) (1, 3, 9), (2, 6, 7), (4, 5, 8)

RRB ALP & Tec. (10-08-2018 Shift-II)

Ans. (a) : The group formed from the given figures is contained in option (a).

496. If three groups can be formed using the given figures only once, then these groups would be

(a) (1,2,3), (3,7,9) and (4, 6, 9)
(b) (1,2,3), (4,6,8) and (4, 7, 9)
(c) (1,2,3), (4,7,8) and (3, 6, 9)
(d) (1,2,9), (3,7,8) and (4, 6, 5)

RPF SI 13.01.2019 Shift : II

Ans. (a) : According to the question, correct group are as follows:

(1, 2, 3), (3, 7, 9) and (4,6, 9)

Hence, option (a) is correct.

Type - 6

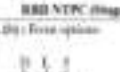
497. The second alphanumeric cluster is obtained by changing the first alphanumeric cluster following a certain operation and logic. The same pattern is followed in three of the following four pairs. In which of the following pairs is the pattern NOT followed?

(a) DL5:MP21 (b) LB8:PU11
(c) PU17:B13 (d) HP13:E19

RRB NTPC (Stage-II) - 16/06/2022 (Shift-III)

Ans. (b) : From options

(a)



(b)

(c)

(d)

Hence, option (b) is different from the other.

498. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) ACETRHE (b) UEYSND
(c) YBRLIRA (d) KRTMAE

RRB NTPC 22.06.2016 Shift : I

Ans. (d) On arranging the given words is as follows:

From option (a) ACETRHE → TEACHER
From option (b) UEYSND → STUDENT
From option (c) YBRLIRA → LIBRARY
From option (d) KRTMAE → MARKET

It is clear that option (d) is different from other three, whereas all others are related to school.

Hence, option (d) is correct.

499. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) LOWELY (b) IFER
(c) THWE (d) WRONB

RRB NTPC 06.04.2016 Shift : I

Ans. (b) On arranging the the given words is as follows:

(a) LOWELY → YELLOW
(b) IFER → FIRE
(c) THWE → WHITE
(d) WRONB → BROWN

Except FIRE, all others are colours name.

Hence, option (b) is odd one.

500. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) ROUWBR (b) EDN
(c) ORFO (d) ETNS

RRB NTPC 16.04.2016 Shift : II

Ans. (a) On putting in systematic order:

(a) ROUWBR – BLIDDOW
(b) EDN – DEN
(c) ORFO – ROOF
(d) ETNS – NEST

Except ROOF, all are the places to live birds and animals.

Hence, option (c) is odd one.

501. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) ILMOL (b) ZRIIA
(c) RENDE (d) SAGEE

RRB NTPC 14.04.2016 Shift : I

Ans. (d) On rearranging letters in their systematic order

(a) ELAMI → SHELL

(b) ERHA → HEAR

(c) ROTH → THINK

(d) SAETS → TEASE

Option (d) is different from all others as keep opinion because all other are personal activity of person whereas house is action a I say what reaction.

861. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) OLENV (b) EBTNH

(c) AGIZANIM (d) TCAYRIDIYN

RRB NTPC 18.04.2016 Shift : II

Ans. (b) On rearranging the letters,

(a) OLENV → NOVEL

(b) EBTNH → THINK

(c) AGIZANIM → MAGAZINE

(d) TCAYRIDIYN → DICTIONARY

Except option (b) all others is general printed material that is sold in the market while thinks is written by students. Hence, option (b) is odd one.

862. Rearrange the clustered letters in their natural sequence and find the odd one out.

(a) LAFC (b) UKUGIBUN

(c) BILNGIBE (d) BCU

RRB NTPC 18.04.2016 Shift : I

Ans. (a) On rearranging letters,

(a) LAFC → CALF

(b) UKUGIBUN → DUCKLING

(c) BILNGIBE → BIRELING

(d) BCU → CUB

It is clear that except option (c) all other is equal because all are babies of animals.

863. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) EVCOL (b) LCTHL

(c) MLTCO (d) MIUNC

RRB NTPC 18.01.2017 Shift : I

Ans. (c) Another Rearrange

(a) EVCOL → CLOVE

(b) LCTHL → CHILL

(c) MLTCO → CUMIN

(d) HLTOO → CLOVE

Clove, Chilli and Cumin are comes under spices whereas cloth is different from these.

864. Rearrange the clustered letters to make meaningful words and then select one which is different from them.

(a) RINUAQ (b) HLCRC

(c) INTOP (d) GORIEXAN

RPF Constable 22.01.2018 Shift : I

Ans. (c) Following meaningful words will be formed when the letters are arranged in order.

(a) RINUAQ → SQUARE

(b) HLCRC → CIRCLE

(c) INTOP → POINT

(d) GORIEXAN → HEXAGON

∴ All others except POINT, form a common group, which are geometric figures that surrounded the space, whereas POINT is a geometric shape that does not surround the space. Hence, POINT is different from all others.

865. 3 R @ 2 A S K $ % T T & N Y ~ X B ! L Q @ 1

If the second half of the above series is reversed then using the new series find the terms that does not belong to the group.

231, XTQ, K7L, A%m

(a) A%m (b) K7l

(c) XTQ (d) 231

RRB Group D – 12.10.2018 (Shift-III)

Ans. (b) According to the question from the given options,

(a) A → ... → % → ... → m

(b) K → ... → 7 → ... → l

(c) X → ... → T → ... → Q

(d) 2 → ... → 3 → ... → 1

Hence, it is clear that option (b) is not belong to the group.

867. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) OLEMN (b) PEALP

(c) OGREAN (d) OTTOPA

RPF SI 08.01.2019 Shift : III

Ans. (d) On arranging the given options in meaningful word in as follows:-

(a) OLEMN → LEMON

(b) PEALP → APPLE

(c) OGREAN → GREAN

(d) OTTOPA → POTATO

Potato is grown under the ground which a type of vegetable, whereas all others are grown above the ground, which belong to fruits. Hence, potato is different from all others.

868. Rearrange the clustered letters to form a meaningful word and find the odd one out.

(a) ARC (b) USB

(c) LACIN (d) LECCY

RPF Constable 17.01.2019 Shift : III

Ans. (a) On arranging the given letters to make a meaningful word,

(a) ARC → CAR

(b) USB → BUS

(c) LACIN → SCALE

(d) LECCY → CYCLE

Except option (c) bicycle, all others are Vehicles. Hence, options (c) is odd one.

509. Rearrange the clustered letters in such a way as to make a meaningful English word and the choose an option which is different from others.

(a) URIN (b) TILER
(c) EEFT (d) TSIME

RRB NTPC 30.03.2016 Shift : II

Ans. (b) On arranging the given letters to make a meaningful word :

(a) CHPA → RICH
(b) TILER → LITRE
(c) EEFT → FEET
(d) TSIME → METRE

In the above given series, 'Inch', 'Foot' and 'Metre' are units of the lengths, while 'litre' is the unit of volume. Hence, option (b) is different from the others.

510. Rearrange the clustered letters to make a meaningful words and then select one which is different from them.

(a) ANDOMY (b) STEALDY
(c) DIARFY (d) THARLDY

RRB NTPC 31.03.2016 Shift : III

Ans. (d) On arranging the given letters to make a meaningful word :

(a) A N D O M Y → M O N D A Y
(b) S T E A L D Y → T U E S D A Y
(c) D I A R F Y → F R I D A Y
(d) D H A O L Y → H O L I D A Y

Hence, the arrangement of letters of all words except THARLDY is the name of the days of the week. Hence, option (d) is odd one.

511. Rearrange the clustered letters to make meaningful words and then select one which is different from them.

(a) OEMS (b) KWLA
(c) ALIN (d) EDAD

RRB NTPC 31.03.2016 Shift : II

Ans. (b) On arranging the given letters to make a meaningful word :

(a) OEMS → NOSE
(b) KWLA → WALK
(c) ALIN → NAIL
(d) EDAD → HEAD

Nose, Nails, Head are the names of a body parts while WALK, is different which is an activity. Hence, option (b) is odd one.

512. Rearrange the clustered letters in such a way as to make a meaningful English word and choose an option which is different from others.

(a) ARTHE (b) VIERR
(c) KEYDIN (d) TIGEN

RRB NTPC 31.03.2016 Shift : I

Ans. (b) On arranging the given letters to make a meaningful word :

(a) ARTHE → HEART
(b) VIERR → RIVER
(c) KEYDIN → KIDNEY
(d) TIGEN → LUNG

So, Heart, Kidney, Lung are internal body parts while RIVER is different from them.

513. To make a meaningful word, rearrange the clustered words and then find out which of them is different from others.

(a) GITER (b) TEACHHE
(c) TIMPERAN (d) REDE

RRB NTPC 05.04.2016 Shift : I

Ans. (d) On arranging the given letters to make a meaningful word :

(a) GITER → TIGER
(b) TEACHHE → CHEETAH
(c) TIMPERAN → PANTHER
(d) REDE → DEER

So, Tiger, Cheetah and Panther are carnivorous animal, while the 'Deer' is a herbivorous animal. Hence, option (d) is different.

514. 6 7 4 8 5 8 8 4 8 3 2 5 8 6 7 8 3 8

Using the above series determine which number does not belong to the group.

488, 426, 342, 268

(a) 426 (b) 342
(c) 488 (d) 268

RRB Group-D – 03/10/2018 (Shift-III)

Ans. (d) According to the question,

Hence, it is clear that 268 is different from others.

515. P 3 R U M J 5 Q % W @ / N S E I X 5 # 8

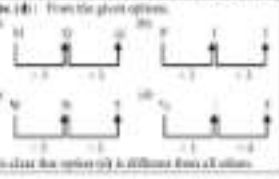
Using the above series, find the word that does not belong to the group given below.

P I 3, W N 5, % / 5, M Q @

(a) M Q @
(b) P I 3
(c) W N 5
(d) % / 5

RRB Group-D – 22/10/2018 (Shift-III)

Ans. (d) From the given options,



It is clear that option (d) is different from others.

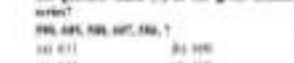
04.

SERIES

Type - I

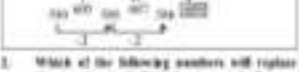
1. **Which of the following numbers will replace the question mark (?) in the given number series?**
980, 685, 500, 407, 386, ?
(a) 611 (b) 600
(c) 613 (d) 605
RRB Group-D 11-10-2022 (Shift-I)

Ans. (b) : The given series is as follows :-



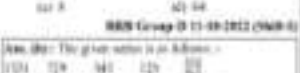
2. **Which of the following numbers will replace the question mark (?) in the given series?**
1331 729 343 125 ?
(a) 1 (b) 27
(c) 8 (d) 64
RRB Group-D 11-10-2022 (Shift-I)

Ans. (b) : The given series is as follows :-



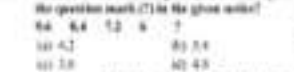
3. **Which of the following numbers will replace the question mark (?) in the given series?**
9.6 6.4 7.2 6 ?
(a) 4.2 (b) 5.4
(c) 3.6 (d) 4.8
RRB Group-D 11-10-2022 (Shift-I)

Ans. (d) : The given series is as follows :-



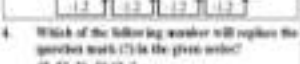
4. **Which of the following number will replace the question mark (?) in the given series?**
48, 52, 26, 30 15, ?
(a) 19 (b) 16
(c) 28 (d) 17
RRB Group-D 17-09-2022 (Shift-I)

Ans. (a) : The given series is as follows :-



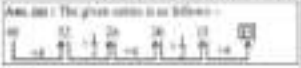
5. **Which of the following numbers will replace the question mark (?) in the given series?**
17, 19, 21, 19, 25, 19, ?
(a) 32 (b) 27
(c) 30 (d) 29
RRB Group-D 17-09-2022 (Shift-I)

Ans. (d) : The given series is as follows :-



6. **Which of the following numbers will replace the question mark (?) in the given series?**
12, 40, 68, 320, 336, ?
(a) 1680 (b) 1670
(c) 1690 (d) 1660
RRB Group-D 07-10-2022 (Shift-III)

Ans. (c) : The given series is as follows :-



7. **Which of the following numbers will replace the question mark (?) in the given series?**
56 60 59 65 62 ?
(a) 72 (b) 74
(c) 69 (d) 67
RRB Group-D 07-10-2022 (Shift-III)

Ans. (a) : The given series is as follows :-

Hence, option (a) is correct.

8. **Which of the following numbers will replace the question mark (?) in the given series?**
4 12 76 292 904 ?
(a) 2000 (b) 1864
(c) 1880 (d) 1904
RRB Group-D 07-10-2022 (Shift-III)

Ans. (b) : Given series is as follows :-

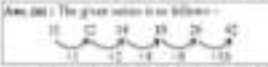
9. **Which of the following numbers will replace the question mark (?) in the given series?**
6, 9, 12, 16, 20, 25, ?
(a) 31 (b) 29
(c) 28 (d) 30
RRB Group-D 07-10-2022 (Shift-III)

Ans. (d) : The given series is as follows :

10. **Which of the following numbers will replace the question mark (?) in the given series?**
11, 12, 14, 18, 26, ?
(a) 42 (b) 34
(c) 40 (d) 36

RRB Group-D 07-06-2022 (Shift-I)

Ans. (a) : The given series is as follows :



11. **Which of the following numbers will replace the question mark (?) in the given series?**
6, 6, 8, 24, 28, ?
(a) 140 (b) 32
(c) 130 (d) 132

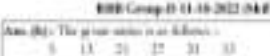
RRB Group-D 11-10-2022 (Shift-III)

Ans. (a) : The given series is as follows :

12. **Which of the following numbers will replace the question mark (?) in the given series?**
3 13 21 27 31 ?
(a) 36 (b) 35
(c) 39 (d) 34

RRB Group-D 11-10-2022 (Shift-III)

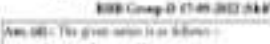
Ans. (b) : The given series is as follows :



13. **Which of the following numbers will replace the question mark (?) in the given series?**
14, 7, 14, 13, 28, 19, 26, 25, ?
(a) 21 (b) 20
(c) 18 (d) 22

RRB Group-D 17-09-2022 (Shift-III)

Ans. (d) : The given series is as follows :



Hence, option (d) is correct.

14. **Which of the following numbers will replace the question mark (?) in the given series?**
7, 9, 15, 49, 193, ?
(a) 966 (b) 911
(c) 961 (d) 916

RRB Group-D 30-08-2022 (Shift-II)

Ans. (c) : The given series is as follows :

? = 193 × 5 + 6 = 966

Hence, (?) = 961

15. **Which of the following number will replace the question mark (?) in the given number series?**
2.8, 4.4, 5.9, 7.4, 8.8, ?
(a) 10.9 (b) 9.4
(c) 9.9 (d) 10.4

RRB Group-D 17-09-2022 (Shift-III)

Ans. (d) : The given number series is as follows :

Hence, ? = 10.8

16. **Which of the following numbers will replace the question mark (?) in the given number series?**
19, 19, 21, 63, 67, ?
(a) 320 (b) 190
(c) 72 (d) 333

RRB Group-D 17-09-2022 (Shift-III)

Ans. (d) : The given number series is as follows :

Hence, ? = 333

17. **Which of the following numbers will replace the question mark (?) in the given series?**
11, 20, 23, 44, 47, 92, 95, ?
(a) 190 (b) 199
(c) 189 (d) 188

RRB Group-D 30-08-2022 (Shift-III)

Ans. (c) : The given series is as follows :

? = 95 + 2 = 188

Hence, ? = 188

18. **Which of the following numbers will replace the question mark (?) in the given series ?**
65, 86, 107, 104, 121, ?
(a) 123 (b) 125
(c) 122 (d) 124

RRB Group-D 30-08-2022 (Shift-III)

Ans. (c) : The given series is as follows :

? = (2) × 1 = 122

Hence, ? = 122

19. **Which of the following numbers will replace the question mark (?) in the given series?**

3 7 23 88 ? 223

(a) 133 (b) 123

(c) 143 (d) 113

RRB Group-D 27-09-2022 (Shift-I)

Ans. (b) : The given series is as follows :

Hence, ? = 113

20. **Which of the following numbers will replace the question mark (?) in the given series?**

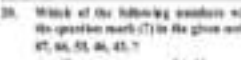
47, 46, 53, 46, 45, ?

(a) 42 (b) 44

(c) 40 (d) 41

RRB Group-D 30-08-2022 (Shift-I)

Ans. (a) : The given number series is as follows :



Hence, ? = 42

21. **Which of the following numbers will replace the question mark (?) in the given series?**

5, 8, 7, 21, 28, ?

(a) 63 (b) 40

(c) 120 (d) 125

RRB Group-D 12-09-2022 (Shift-I)

Ans. (d) : The given series is as follows :

22. **Which of the following numbers will replace the question mark (?) in the given series?**

121, 109, 90, 73, 60, ?

(a) 46 (b) 52

(c) 49 (d) 40

RRB Group-D 12-09-2022 (Shift-III)

Ans. (b) : The given series is as follows :

23. **Which of the following numbers will replace the question mark (?) in the given series?**

15, 17, 20, 25, 32, ?

(a) 40 (b) 45

(c) 42 (d) 44

RRB Group-D 14-09-2022 (Shift-II)

Ans. (c) : The given series is as follows :-

Note:- Starting from 2 each subsequent number obtained by adding consecutive prime number.

24. **Which of the following number will replace the question mark (?) in the given series?**

14, 18, 26, 38, 54, ?

(a) 76 (b) 74

(c) 72 (d) 78

RRB Group-D 14-09-2022 (Shift-III)

Ans. (b) : The given series is as follows :-

25. **Select the number from among the given options that can replace the question mark (?) in the following series.**

7, 13, ? 79, 119, 167

(a) 32 (b) 39

(c) 47 (d) 41

RRB Group-D 14-09-2022 (Shift-I)

Ans. (c) : The given series is as follows

Hence, option (c) is correct.

26. **Which of the following numbers will replace the question mark (?) in the given series?**

12, 14, 18, 26, 42, ?

(a) 78 (b) 79

(c) 72 (d) 76

RRB Group-D 14-09-2022 (Shift-I)

Ans. (a) : The given series is as follows

∴ (?) = 42 + 32 = 74

27. **Which of the following numbers will replace the question mark (?) in the given series?**

13, 14, 27, 41, 68 ?

(a) 119 (b) 93

(c) 98 (d) 109

RRB Group-D 17-09-2022 (Shift-II)

Ans. (d) : The given series is as follows :

28. Which of the following numbers will replace the question mark (?) in the given series?
100, 98, 81, 75, 66, 60, 45, ?
(a) 35 (b) 30
(c) 32 (d) 31

RRB Group-D 19-09-2022 (Shift-III)

Ans. (d) : The given series is as follows:

? = 30 – 4

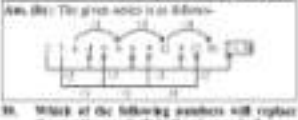
? = 31

Hence, option (d) will be the answer.

29. Which of the following numbers will replace the question mark (?) in the given series?
2, 3, 4, 4, 6, 8, 6, 9, 12, 8, 12, 16, ?
(a) 15 (b) 30
(c) 12 (d) 20

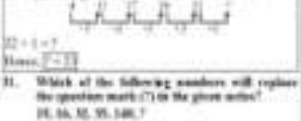
RRB Group-D 19-09-2022 (Shift-III)

Ans. (b) : The given series is as follows:



30. Which of the following numbers will replace the question mark (?) in the given series?
9 13 17 20 23 ?
(a) 24 (b) 22
(c) 23 (d) 25

Ans. (c) : The given number series is as follows:

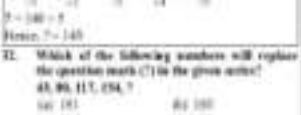


23 + 1 = ?

Hence, ? = 24

31. Which of the following numbers will replace the question mark (?) in the given series?
18, 36, 52, 55, 140, ?
(a) 700 (b) 140
(c) 144 (d) 142

Ans. (b) : The given series is as follows:



? = 140 + 5

Hence, ? = 145

32. Which of the following numbers will replace the question mark (?) in the given series?
45, 90, 117, 154, ?
(a) 181 (b) 160
(c) 196 (d) 190

RRB Group-D 24-08-2022 (Shift-I)

Ans. (a) : The given series is as follows:

Hence, ? = 191

33. Which of the following numbers will replace the question mark (?) in the given series?
13, 17, 19, 23, 29, ?
(a) 25 (b) 33
(c) 30 (d) 31

RRB Group-D 24-08-2022 (Shift-I)

Ans. (c) : The given series is as follows:

13, 17, 19, 23, 29, 31

Hence, ? = 31

Note: The given series is an ascending order of prime number.

34. Which of the following numbers will replace the question mark (?) in the given series?
126, 121, 114, 101, 176, ?
(a) 129 (b) 132
(c) 127 (d) 128

RRB Group-D 24-08-2022 (Shift-I)

Ans. (c) : The given number series is as follows:

Hence, ? = 127

35. Which of the following numbers will replace the question mark (?) in the given series?
19, 29, 38, 56, 78, ?
(a) 115 (b) 128
(c) 96 (d) 130

RRB Group-D 29-08-2022 (Shift-III)

Ans. (a) : The given series is as follows :

36. Which of the following numbers will replace the question mark (?) in the given series?
3 11 20 28 37 ?
(a) 46 (b) 39
(c) 38 (d) 44

RRB Group-D 29-08-2022 (Shift-III)

Ans. (a) : The given series is as follows :

Hence, ? = 45

37. Which of the following numbers will replace the question mark (?) in the given series?
240 240 120 40 10 ?
(a) 8 (b) 1
(c) 9 (d) 2

RRB Group-D 29-08-2022 (Shift-III)

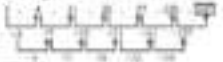
Ans.(d) : The given series is as follows :

Hence, ? = [illegible]

38. **Which of the following numbers will replace the question mark (?) in the given series?**
1, 4, 11, 26, 57, 120, ?
(a) 234 (b) 128
(c) 246 (d) 247

RRB Group-D 20-09-2022 (Shift-I)

Ans.(d) : The given series is as follows :

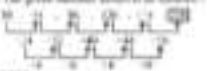


Hence, ? = 242

39. **Which of the following numbers will replace the question mark (?) in the given series?**
98, 84, 66, 126, 176, ?
(a) 240 (b) 230
(c) 280 (d) 220

RRB Group-D 20-09-2022 (Shift-II)

Ans.(a) : The given number series is as follows :

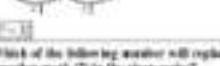


Hence, ? = 230

40. **Which of the following numbers will replace the question mark (?) in the given number series?**
55, 34, 56, 33, 57, ?
(a) 32 (b) 42
(c) 36 (d) 41

RRB Group-D 20-09-2022 (Shift-I)

Ans.(a) : The given number series is as follows :



Hence, ? = 32

41. **Which of the following number will replace the question mark (?) in the given series?**
6, 8, 13, 23, 40, ?
(a) 52 (b) 66
(c) 75 (d) 86

RRB Group-D 24-08-2022 (Shift-II)

Ans.(b) : The given series is as follows :

Hence, ? = 66

42. **Which of the following numbers will replace the question mark (?) in the given series?**
24, 28, 35, 46, 73, ?
(a) 122 (b) 121
(c) 120 (d) 123

RRB Group-D 24-08-2022 (Shift-II)

Ans.(a) : The given series is as follows :

Hence, ? = 122

43. **Which of the following numbers will replace the question mark (?) in the given series?**
13, 27, 56, 115, 234, ?
(a) 300 (b) 332
(c) 402 (d) 473

RRB Group-D 25-08-2022 (Shift-I)

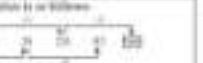
Ans.(d) : In the given series is as follows :

Hence, option (d) is correct.

44. **Which of the following numbers will replace the question mark (?) in the given series?**
7, 16, 28, 224, 112, ?
(a) 929 (b) 896
(c) 900 (d) 840

RRB Group-D 25-08-2022 (Shift-II)

Ans.(b) : Given series is as follows :



Hence, option (b) is correct.

45. **Select the number from among the given options that can replace the question mark (?) in the following series.**
86, 89, 95, 104, ?, 131, 140
(a) 114 (b) 118
(c) 113 (d) 122

RRB NTPC (Stage-II)—12/08/2022 Shift-I

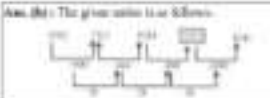
Ans.(b) : The given series is as follows :

Hence, option (b) is correct.

46. **Select the number from among the given options that can replace the question mark (?) in the following series.**
8142, 7213, 6244, ?, 4240
(a) 5552 (b) 5232
(c) 2509 (d) 5121

RRB NTPC (Stage-II)—12/08/2022 Shift-II

Ans. (b) : The given series is as follows.



47. Select the number from among the given options that can replace the question mark (?) in the following series.

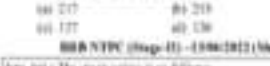
8, 7, 18, 36, 65, 63, 126 124, ?

(a) 217 (b) 219

(c) 177 (d) 130

RRB NTPC (Stage-II) - 13/06/2022 (Shift-I)

Ans. (a) : The given series is as follows.



Hence, option (a) is the right answer.

48. Select the number from among the given options that can replace the question mark (?) in the following series.

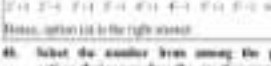
85, 84, 92, 65, 129, ?

(a) 216 (b) 329

(c) 177 (d) 4

RRB NTPC (Stage-II) - 13/06/2022 (Shift-II)

Ans. (d) : The given number series is as follows



Hence, ? = 4

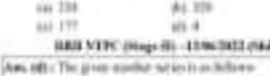
49. First four terms of a series are 4, 12, 36 108. What will be the 6th term of this series?

(a) 424 (b) 972

(c) 2916 (d) 324

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (b) : According to the question 6th term of the series.



Hence, 6th term = 972

50. Select the number from the option that can replace the question mark (?) and complete the given series.

8, 7, 26, 63, 124, ?

(a) 214 (b) 212

(c) 211 (d) 219

RRB NTPC (Stage-II) - 14/06/2022 (Shift-II)

Ans. (d) : The given series is as follows

Hence, ? = 219

51. Select the number from among the given options the can replace the question mark (?) in the following series.

18, 27, 34, 39, 42, ?

(a) 40 (b) 45

(c) 42 (d) 44

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (b) : The given series is as follows

Hence, option (b) is the right answer.

52. Select the number from among the given options that can replace the question mark (?) in the following series.

1, 1, 2, 2, 5, 4, 26, 8, 677, ?

(a) 470 (b) 342

(c) 64 (d) 16

RRB NTPC (Stage-II) - 16/06/2022 (Shift-II)

Ans. (d) : The given number series is as follows

Hence, ? = 16

53. Select the number from among the given options that can replace the question mark (?) in the following series.

4, 11, 19, 33, 59, 105, ?

(a) 200 (b) 218

(c) 207 (d) 229

RRB NTPC (Stage-II) - 16/06/2022 (Shift-III)

Ans. (c) : The given series is as follows

Hence, option (c) is correct.

54. Select the number from among the given options that can replace the question mark (?) and continue the given series.

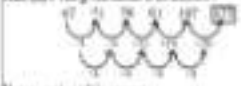
67, 71, 79, 91, 107 ?

(a) 123 (b) 118

(c) 131 (d) 127

RRB NTPC (Stage-II) - 17/06/2022 (Shift-I)

Ans. (d) : The given series is as follows :



Hence, option (d) is correct.

65. Select the number from among of the given options that can replace the question mark (?) in the following series.

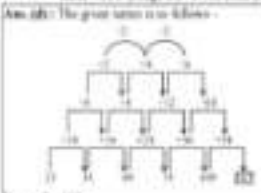
21, 35, 49, 71, 109, ?

(a) 136 (b) 139

(c) 133 (d) 163

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (d) : The given series is as follows :



Hence, ? = 163

66. Select the number from among the given options that can replace the question mark (?) in the following series.

16, 29, 46, 65, 88, ?

(a) 181 (b) 179

(c) 137 (d) 123

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (c) : The given series is as follows :

Hence, ? = 137

Note: Starting from 21, each subsequent number is obtained by adding consecutive prime numbers.

67. Select the number from among the given options that can replace the question mark (?) in the following series.

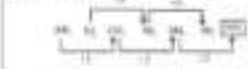
100, 93, 103, 96, 106, 99, ?

(a) 123 (b) 132

(c) 127 (d) 109

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (d) : The given series is as follows :



Hence, ? = 109

68. Select the number from among the given options that can replace the question mark (?) and continue the given series.

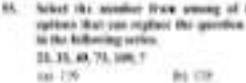
113, 115, 119, 125, 133, ?

(a) 143 (b) 142

(c) 147 (d) 141

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (a) : The given series is as follows :



Hence, ? = 143

69. In the series 11, 19, 27, 35, 43, ..., which of the following will NOT be a number of the series?

(a) 195 (b) 454

(c) 387 (d) 387

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (b) : The given series is as follows :

Since adding 8 to each number gives each subsequent number. And in each number, when divided by 8, 3 remainder is obtained, while in option (b) 454, when divided by 8, 2 remainder is obtained.

Hence option (b) is valid.

70. Select the number from among the given options that can replace the question mark (?) and continue the given series.

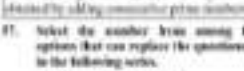
6, 17, 120, 429, ?

(a) 2121 (b) 2121

(c) 2128 (d) 2129

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (c) : The given number series is as follows :



Hence, ? = 2128

71. Select the number from among the given options that can replace the question mark (?) in the following series.

1, 78, 9, 69, 15, 60, ?

(a) 39 (b) 21

(c) 22 (d) 21

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (d) : The given number series is as follows :

Hence, ? = 21

62. **Select the number from among the given options that can replace the question mark (?) in the following series.**
1, 64, 343, 1000, ?, 4096
(a) 2245 (b) 2197
(c) 3065 (d) 2999

RRB NTPC (Stage-II) – 15/06/2022 (Shift-I)

Ans. (b) : The given series is as follows:

Hence, ? = 2197

63. **Select the number from the given alternatives that can come in place of the question mark (?) in the following series.**
6, 7, 26, 63, ?, 215
(a) 48 (b) 216
(c) 74 (d) 124

RRB NTPC (Stage-II) – 15/06/2022 (Shift-II)

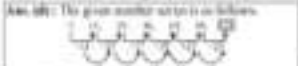
Ans. (d) : The given series is as follows:

Hence, (24 will come in place of (?).

64. **Select the number that can replace the question mark (?) in the following series.**
5, 16, 29, 46, 65, 88, ?
(a) 136 (b) 107
(c) 117 (d) 113

RRB NTPC (Stage-II) – 15/06/2022 (Shift-III)

Ans. (d) : The given number series is as follows:



Hence, (113 will come in the place of (?).

65. **Select the numbers from among the given options that can replace the question marks (?) in the following series.**
123, 123, 118, 118, 121, 121, 108, 108, ?
(a) 129, 129 (b) 97, 97
(c) 123, 123 (d) 127, 127

RRB NTPC (Stage-II) – 15/06/2022 (Shift-III)

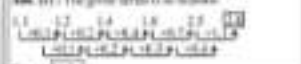
Ans. (a) : The given number series is as follows:

Hence, ? = 129, 129

66. **Which of the following numbers will replace the question mark (?) in the given series?**
1.1 1.2 1.4 1.8 2.5 ?
(a) 3.2 (b) 2.5
(c) 3.6 (d) 1.7

RRB Group-D 11-10-2022 (Shift-II)

Ans. (c) : The given series is as follows:

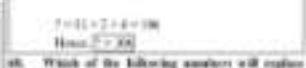


Hence, ? = 3.6

67. **Which of the following numbers will replace the question mark (?) in the given series ?**
5, 11, 24, 51, ?
(a) 108 (b) 104
(c) 102 (d) 106

RRB Group-D- 09/09/2022 (Shift-I)

Ans. (d) : The given series is as follows:-



? = 51 × 2 + 4 = 106

Hence, ? = 106

68. **Which of the following numbers will replace the question mark (?) in the given series?**
18, 19, 28, 55, 182, ?
(a) 139 (b) 183
(c) 198 (d) 1369

RRB Group-D- 29/08/2022 (Shift-III)

Ans. (b) : The given series is as follows:-

? = 182 + 1

? = 182 + 61 = 183

Hence, ? = 183

69. **Which of the following numbers will replace the question mark (?) in the given series?**
18, 11, 39, 32, 74, ?
(a) 106 (b) 112
(c) 109 (d) 118

RRB Group-D- 29/08/2022 (Shift-III)

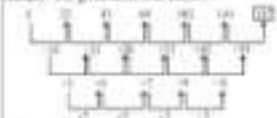
Ans. (a) : The given number series is as follows:-

? = 74+34

Hence, ? = 108

70. **Which of the following numbers will replace the question mark (?) in the given series?**
4, 22, 45, 69, 102, 144, ?
(a) 177 (b) 197
(c) 179 (d) 190
RRB Group-D– 29/08/2022 (Shift-II)

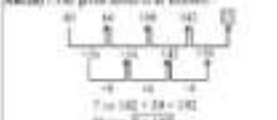
Ans.(b) : The given series is as follows :-



? = 144 + 33
? = 177

71. **Which of the following numbers will replace the question mark (?) in the given series?**
40, 66, 146, 342, ?
(a) 198 (b) 194
(c) 190 (d) 192
RRB Group-D– 29/08/2022 (Shift-II)

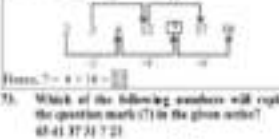
Ans.(d) : The given series is as follows :-



? = 342 + 28 = 370
Hence, ? = 370

72. **Which of the following numbers will replace the question mark (?) in the given series?**
2, 3, 6, 12, 7, 17, 38
(a) 28 (b) 26
(c) 29 (d) 32
RRB Group-D– 26/08/2022 (Shift-I)

Ans.(d) : The given series is as follows-



Hence, ? = 6 + 16 = 22

73. **Which of the following numbers will replace the question mark (?) in the given series?**
45 41 37 31 ? 21
(a) 29 (b) 25
(c) 27 (d) 23
RRB Group-D– 26/08/2022 (Shift-I)

Ans.(a) : The given series is as follows :-

Hence, ? = 29

Note:- Consider the given numbers in descending order.

74. **Which of the following numbers will replace the question mark (?) in the given series?**
40 31.2 23.2 16 9.6 ?
(a) 4.2 (b) 3
(c) 3.6 (d) 4

RRB Group-D– 30/09/2022 (Shift-I)

Ans.(d) : Given series is as follows:-

Hence, ? = 9.6 – 5.6 = 4

75. **Which of the following numbers will replace the question mark (?) in the given number series?**
29, 36, 34, 43, 39, ?
(a) 84 (b) 74
(c) 86 (d) 82
RRB Group-D– 30/09/2022 (Shift-I)

Ans.(d) : The given series is as follows :-

? = 39 + 5
= 39 + 29 = 84
Hence, ? = 84

76. **Which of the following numbers will replace the question mark (?) in the given series?**
1, 3, 4, 9, 6, 27, 8, 81, 10, ?
(a) 240 (b) 180
(c) 330 (d) 320
RRB Group-D– 26/08/2022 (Shift-III)

Ans.(a) : The given series is as follows

? = 81 + 3 = 243
Hence, ? = 243

77. **Which of the following numbers will replace the question mark (?) in the given series?**
3, 8, 14, 36, 96, ?
(a) 116 (b) 118
(c) 120 (d) 122
RRB Group-D– 29/08/2022 (Shift-I)

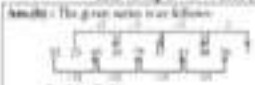
Ans.(b) : The given series is as follows :-

? = 96 + 2 = 2
= 116 + 2 = 118
Hence, ? = 118

78. Select the number from among the given options that can replace the question mark (?) in the following series.
82, 33, 68, 38, 56, 37, 43, 44, 36, ?
(a) 32 (b) 33
(c) 37 (d) 27

RRB Group-D- 08/09/2022 (Shift-I)

Ans.(b) : The given series is as follows :

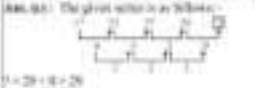


? = 44 + 7 = 51
Hence, ? = 33

79. Which of the following numbers will replace the question mark (?) in the given series?
17, 23, 27, 20, ?
(a) 31 (b) 30
(c) 29 (d) 25

RRB Group-D- 15/09/2022 (Shift-III)

Ans.(a) : The given series is as follows :



? = 29 + 6 = 29
Hence, ? = 31

80. Which of the following numbers will replace the question mark (?) in the given series?
13, 16, 22, 31, 43, ?
(a) 48 (b) 32
(c) 35 (d) 50

RRB Group-D- 15/09/2022 (Shift-III)

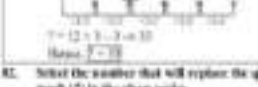
Ans.(d) : The given series is as follows :

? = 43 + 15 = 58
Hence, ? = 58

81. Select the number from among the given options that can replace the question mark (?) in the following series.
5, 12, 7, 36, 205, 102
(a) 27 (b) 49
(c) 58 (d) 35

RRB Group-D- 08/09/2022 (Shift-I)

Ans.(d) : The given series is as follows :

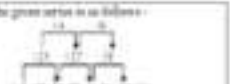


? = 12 × 3 – 3 = 33
Hence, ? = 35

82. Select the number that will replace the question mark (?) in the given series.
1 9 22 32 47 ? 76 90 109
(a) 64 (b) 59
(c) 72 (d) 69

RRB Group-D- 06/10/2022 (Shift-III)

Ans. (b) : The given series is as follows :



? = 32 + 27 = 59
Hence, ? = 59

83. Which of the following numbers will replace the question mark (?) in the given series ?
1.6 2.3 3.4 ? 6.4 8.1
(a) 5.1 (b) 4.8
(c) 4.9 (d) 2.2

RRB Group-D- 06/10/2022 (Shift-III)

Ans. (c) : The given series is as follows :

? = ... = 4.9
(c)
Hence, ? = 4.9

84. Which of the following numbers will replace the question mark (?) in the given series ?
13, 16, 42, 51, 43, ?
(a) 78 (b) 75
(c) 80 (d) 79

RRB Group-D- 08/09/2022 (Shift-I)

Ans. (a) : The given series is as follows :

= 43 + 15 = 58
Hence, ? = 58

85. Which of the following numbers will replace the question mark (?) in the given series?
3, 7, 15, 23, 31, ?
(a) 44 (b) 41
(c) 42 (d) 43

RRB Group-D- 17/08/2022 (Shift-III)

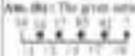
Ans. (d) : The given series is as follows :

? = 31+12 = 43
Hence, ? = 43

86. Which of the following numbers will replace the question mark (?) in the given series?
14, 16, 17, 85, 92, ?
(a) 924 (b) 828
(c) 418 (d) 628

RRB Group-D– 17/09/2022 (Shift-III)

Ans. (b) : The given series is as follows :



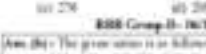
? = 92 × 9 = 828

Hence, ? = 828

87. Which of the following numbers will replace the question mark (?) in the given series ?
589, 588, 467, 426, 385, ?
(a) 320 (b) 340
(c) 270 (d) 200

RRB Group-D– 06/10/2022 (Shift-I)

Ans. (b) : The given series is as follows :



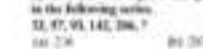
? = 385 − 41 = 344

Hence, ? = 344

88. Select the number from among the given options that can replace the question mark (?) in the following series.
32, 97, 93, 142, 206, ?
(a) 236 (b) 267
(c) 28 (d) 213

RRB Group-D– 06/10/2022 (Shift-II)

Ans. (b) : The given series is as follows :



? = 206 + 61 = 267

Hence, ? = 267

89. Select the number from among the given options that can replace the question mark (?) in the following series.
174, 134, 116, 7, 96, 74, 64, 56
(a) 140 (b) 160
(c) 98 (d) 90

RRB Group-D– 19/09/2022 (Shift-II)

Ans. (a) : The given series is as follows :

? = 116 + 16 = 140

Hence, ? = 140

90. Which of the following numbers will replace the question mark (?) in the given series ?
96, 90, 102, 116, 126, ?
(a) 162 (b) 166
(c) 158 (d) 160

RRB Group-D– 09/09/2022 (Shift-II)

Ans. (c) : The given Series is as follows :

? = 126 + 32 = 158

Hence, ? = 158

91. Select the number from among the given options that can replace the question mark (?) in the following series.
47, 67, 86, 7 48, 48, 34, 34, 21, 33, 12
(a) 67 (b) 48
(c) 33 (d) 34

RRB Group-D– 09/09/2022 (Shift-III)

Ans. (d) : The given series is as follows :

? = 86 + 1 = 86

Hence, ? = 34

92. Which of the following numbers will replace the question mark (?) in the given series?
4, 21, 47, 100, 198, ?
(a) 355 (b) 339
(c) 399 (d) 393

RRB Group-D– 01/09/2022 (Shift-III)

Ans. (b) : The given series is as follows :

? = 198 + 141 = 339

Hence, ? = 339

93. Which of the following numbers will replace the question mark (?) in the given series?
99, 101, 104, 109, 116, ?
(a) 132 (b) 127
(c) 124 (d) 128

RRB Group-D– 01/09/2022 (Shift-III)

Ans. (b) : The given series is as follows :

? = 116 + 11 = 127

Hence, ? = 127

Note: Starting from 2 each subsequent number obtained by adding consecutive prime number.

94. Which of the following numbers will replace the question mark (?) in the given series?
38 42 34 26 ?
(a) 17 (b) 14
(c) 18 (d) 19

RRB Group-D– 26/09/2022 (Shift-II)

Ans.(c) : The given series is as follows-

Hence, ? = 18

95. Select the number from among the given options that can replace the question mark (?) in the following series.

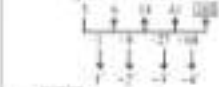
5, 6, 14, 41, ?

(a) 93 (b) 169

(c) 183 (d) 168

RRB Group-D- 26/09/2022 (Shift-II)

Ans.(c) : The given series is as follows-



Hence, ? = 168

96. Which of the following numbers will replace the question mark (?) in the given series?

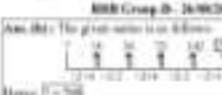
7, 18, 34, 72, 142, ?

(a) 228 (b) 268

(c) 282 (d) 298

RRB Group-D- 26/09/2022 (Shift-III)

Ans.(b) : The given series is as follows-



Hence, ? = 268

97. Which of the following numbers will replace the question mark (?) in the given series?

9, 18, 38, 45, 109, ?

(a) 327 (b) 234

(c) 199 (d) 219

RRB Group-D- 17/08/2022 (Shift-I)

Ans.(b) : The given series is as follows-

? = 109 + 125

Hence, ? = 234

98. Which of the following numbers will replace the question mark(?) in the given series?

40, 60, 82, 110, 150, ?

(a) 214 (b) 187

(c) 223 (d) 199

RRB Group-D- 16/09/2022 (Shift-I)

Ans. (a) : The given number series is as follows-

? = 150 + 64

= 214

Hence, ? = 214

99. Select the number from among the given options that can replace the question mark (?) in the following series.

3, 16, 5, 13, 8, 7, 7, 10, 9

(a) 13, 3 (b) 13, 1

(c) 12, 3 (d) 11, 1

RRB Group-D- 13/09/2022 (Shift-I)

Ans. (b) : Given series is as follows-

Hence, ? = 13, ? = 1

100. Which of the following numbers will replace the question mark (?) in the given series?

13, 27, 35, 47, 63, ?

(a) 90 (b) 81

(c) 82 (d) 83

RRB Group-D- 13/09/2022 (Shift-I)

Ans. (d) : Given series is as follows-

? = 63 + 20

= 83

Hence, ? will be replaced by 83.

101. Select the number from among the given options that can replace the question mark (?) in the following series.

1, 8, 2, 1, 3, 2, 4, 5, 5, 26, ?, 677

(a) 45 (b) 28

(c) 8 (d) 42

RRB Group-D- 01/09/2022 (Shift-II)

Ans. (c) : The given series is as follows-

Hence, ? = 8

102. Select the number from among the given options that can replace the question mark (?) in the following series.

360, ?, 180, 48, 16, 3

(a) 270 (b) 130

(c) 240 (d) 300

RRB Group-D- 01/09/2022 (Shift-II)

Ans. (d) : The given series is as follows-

Hence, ? = 360

103. Which of the following numbers will replace the question mark (?) in the given series?
11, 21, 45, 97, 179, ?

(a) 293 (b) 291
(c) 281 (d) 251

RRB Group-D– 17/08/2022 (Shift-I)

Ans.(a) : The given series is as follows:

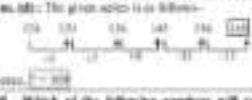
Hence, ? = 293

104. Which of the following numbers will replace the question mark (?) in the given series?
124, 129, 136, 145, 156, ?

(a) 168 (b) 165
(c) 172 (d) 169

RRB Group-D– 17/08/2022 (Shift-II)

Ans.(d) : The given series is as follows:-

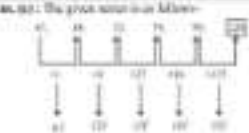


Hence, ? = 169

105. Which of the following numbers will replace the question mark (?) in the given series?
47, 48, 52, 79, 95, ?

(a) 212 (b) 202
(c) 220 (d) 221

Ans.(a) : The given series is as follows:-



Hence, ? = 220

106. Which of the following numbers will replace the question mark (?) in the given series?
12, 17, 32, 97, 92, ?

(a) 112 (b) 122
(c) 137 (d) 137

Ans.(d) : The given series is as follows:-

Hence, ? = 137

107. Which of the following numbers will replace the question mark (?) in the given number series ?
97, 88, 86, 107, 43, ?

(a) 78 (b) 128
(c) 108 (d) 98

RRB Group-D– 06/09/2022 (Shift-I)

Ans.(c) : The given series as follows:

? = 47+(3)²
= 43+120
= 168

108. Which of the following numbers will replace the question mark (?) in the given series ?
1 1.5 1.1 0.8 0.6 ?

(a) 0.4 (b) 0.3
(c) 0.5 (d) 0.6

RRB Group-D– 06/09/2022 (Shift-I)

Ans.(c) : The given series is as follows:-

? = 0.6-0.1 = 0.5

Hence, ? = 0.5

109. Which of the following numbers will replace the question mark (?) in the given series?
10 42 34 26 ?

(a) 18 (b) 16
(c) 17 (d) 14

RRB Group-D– 26/09/2022 (Shift-II)

Ans.(d) : The given series is as follows -

Hence, ? = 14

110. Select the numbers that can replace the question mark (?) in the following series.
97, 86, 101, 89, 107, ?, ?

(a) 94, 123 (b) 114, 104
(c) 123, 144 (d) 94, 113

RRB NTPC 28.12.2020 (Shift-I) Stage-Ist

Ans. (d) : The given pattern -

Hence, 94, 113 can replace the question mark.

111. **Select the number from among the given options that can replace the question mark (?) in the following series.**

69, 93, 26, 13, ?

(a) 7 (b) 4

(c) 2 (d) 5

RRB NTPC 28.12.2020 (Shift-1) Stage Ist

Ans. (b) : Given series will be –

Hence, ? = 4

112. **Select the number that can replace the question mark (?) in the following series.**

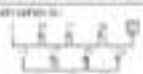
5, 10, 17, 26, ?

(a) 37 (b) 36

(c) 38 (d) 35

RRB NTPC 28.12.2020 (Shift-1) Stage Ist

Ans. (a) : Given series is –



Hence, ? = 37

113. **Select the number from the given option that can replace the question mark (?) below:**

17.243 (222) 387, then 540 (?) 621

(a) 230 (b) 219

(c) 231 (d) 209

RRB NTPC 05.01.2021 (Shift-1) Stage Ist

Ans. (b) : Just as, 3.(137 – 246) = 222

Similarly, 3.(621 – 540) = 219

114. **Select the number from among the given options that can replace the question mark (?) in the following series**

22, 25, 26, 27, 30, 31, ?

(a) 33 (b) 32

(c) 34 (d) 32

RRB NTPC 05.01.2021 (Shift-1) Stage Ist

Ans. (a) : The given series is as follows-

115. **Select the number from among the given options that can replace the question mark (?) in the following series**

7, 12, 19, 7, 39

(a) 29 (b) 20

(c) 24 (d) 26

RRB NTPC 05.01.2021 (Shift-1) Stage Ist

Ans. (b) : The given series is as follows-

116. **Which number from among the given options will come in place of (?) in the given number series?**

1, 1, 2, 6, 3, 27, 4, (?), 5, 125,....

(a) 32 (b) 96

(c) 36 (d) 64

RRB NTPC 07.01.2021 (Shift-3) Stage Ist

Ans. (d) : The sequence of given series is as follows-

Hence, ? = 64

117. **Identify the number that does NOT belong to the given series of numbers.**

46,31,22,17,30,-32,-89,-179

(a) -32 (b) -89

(c) 30 (d) 22

RRB NTPC 07.01.2021 (Shift-3) Stage Ist

Ans. (c) : The given series of numbers are series in descending order.

Therefore, on arranging series in descending order, 30 is not related to series.

118. **Select the number from among the given options that can replace the question mark (?) in the following series.**

4, 14, 46, 146, ?

(a) 1012 (b) 1009

(c) 1020 (d) 1019

RRB NTPC 07.01.2021 (Shift-3) Stage Ist

Ans. (b) : The given number series is as follows -

$\Rightarrow 4^2 - 0 = 4$

$\Rightarrow 4^3 - 2 = 14$

$\Rightarrow 4^4 - 4 = 46$

$\Rightarrow 4^5 - 8 = 146$

$\Rightarrow 4^6 - 16 = \boxed{4096}$

119. **Select the number from among the given options that will come next in the following series.**

4, 14, 46, ?

(a) 49 (b) 94

(c) 48 (d) 49

RRB NTPC 08.01.2021 (Shift-2) Stage Ist

Ans. (d) : The given series is as follows

Hence, ? = 49

120. **Select the number that will come next in the following series.**

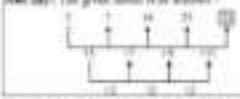
2, 7, 14, 23, ?

(a) 13 (b) 39

(c) 33 (d) 34

RRB NTPC 08.01.2021 (Shift-2) Stage Ist

Ans. (d) : The given series is as follows :



121. **Select the number from among the given options that will come next in the following series.**
3, 27, 243, ?
(a) 2900 (b) 2187
(c) 2093 (d) 2100

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

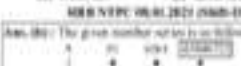
Ans. (b) : The given number series is as follows

Hence, ? = 2187

122. **Select the number that will come next in the following series.**
9, 81, 4861, ?
(a) 43046721 (b) 43046721
(c) 43046621 (d) 42046721

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (b) : The given number series is as follows



Hence, ? = 43046721

123. **The series is given with one missing number. Choose the correct option from the given ones that will make the series will complete.**
6.6, 7.2, 5.8, ?, 7, 7.6
(a) 4.2 (b) 6.4
(c) 6.4 (d) 7.2

RRB ALP CEN 2 Physics & Maths 22.01.2019 (Shift-II)

Ans. (c) : Question series is as follows :-

Hence, ? = 6.4

124. **Select the number from among the given options that can replace the question mark (?) in the following series :-**
126, 217, 344, ?
(a) 470 (b) 518
(c) 515 (d) 498

RRB NTPC 11.01.2021 (Shift-I) Stage Ist

Ans. (c) : Given series is-

126, 217, 344, 515 ?

$\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$

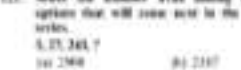
19^2+1 14^2+1 17^2+1 16^2+1

(c) ? = 515

125. **Which number among the given options does not belong to the following series?**
4, 7, 13, 26, 48, 97
(a) 97 (b) 13
(c) 26 (d) 48

RRB NTPC 10.01.2021 (Shift-I) Stage Ist

Ans. (c) : As per question :-



Hence, 6 is close from above series 25 should come in place of 26.

126. **Select the number from among the given options that can replace the question mark (?) in the following series.**
6, 6, 28, 42, ?
(a) 72 (b) 84
(c) 68 (d) 78

RRB NTPC 10.01.2021 (Shift-I) Stage Ist

Ans. (a) : Number series is as follows-

Hence, ? = 72

127. **Identify the number that does not belong to the following series.**
7, 14, 56, 448, 2688, 26880
(a) 26880 (b) 2688
(c) 56 (d) 448

RRB NTPC 20.01.2021 (Shift-I) Stage Ist

Ans. (d) : The given series is as follows-

Here 336 will be on the place of 448.

128. **Select the number that can replace the question mark (?) in the following series.**
4, 13, 27, 82, 165, ?
(a) 498 (b) 481
(c) 484 (d) 497

RRB NTPC 04.02.2021 (Shift-I) Stage Ist

Ans. (a) : The given series will be as follows.

$4 \times 3 + 1 = 13$

$13 \times 2 + 1 = 27$

$27 \times 3 + 1 = 82$

$82 \times 2 + 1 = 165$

$165 \times 3 + 1 = 496$

So ? = 496

129. Select the number from the given option that can replace the question mark (?) in the following series.
6, 7, 11, 28, 86, ?
(a) 68 (b) 87
(c) 61 (d) 51

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

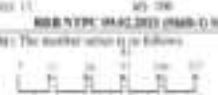
Ans. (a) : The given number series is as follows :

Hence, 68 can replace the question mark in the following number series.

130. Select the number that does not belong to the following series
5, 11, 24, 53,106, 217
(a) 7 (b) 53
(c) 11 (d) 106

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (b) : The number series is as follows :



53 does not belong to the given series, 51 will be come in place of 53.

131. Identify the number that does not belong to the following series
3, 7, 22, 89, 446, 2677, 18739
(a) 446 (b) 2677
(c) 89 (d) 18739

RRB NTPC 10.02.2021 (Shift-I) Stage Ist

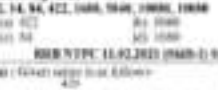
Ans. (d) : The given series is as follows :

Hence the number 18739 does not belong to the series because 18740 will come in its place.

132. Identify the number that does not belong to the following series
2, 14, 84, 422, 1686, 5048, 10086, 18048
(a) 422 (b) 1686
(c) 84 (d) 10086

RRB NTPC 11.02.2021 (Shift-I) Stage Ist

Ans. (a) : Given series is as follows :

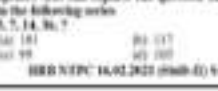


Hence number 422 is not related to the series.

133. Select the number from among the given options that can replace the question mark (?) in the following series
8, 7, 14, 36, ?
(a) 181 (b) 117
(c) 99 (d) 105

RRB NTPC 16.02.2021 (Shift-II) Stage Ist

Ans. (d) : Given series as follows :



Hence option (d) will be right answer.

134. Select the number from among the given options that can replace the question mark (?) in the following series.
1, 17, 135, 343, ?
(a) 980 (b) 672
(c) 216 (d) 729

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (d) : The sequence of the given number series is as follows :

Hence, ? = 729

135. Select the fraction from among the given options that can replace the question mark (?) in the following series.

$\frac{3}{4}, \frac{7}{4}, \frac{13}{4}, \frac{9}{4}, ?$

(a) $\frac{7}{4}$ (b) $\frac{9}{4}$
(c) $\frac{11}{4}$ (d) $\frac{5}{4}$

RRB NTPC 09.01.2021 (Shift-I) Stage Ist

Ans. (a) : The Given series is as follows :

Hence $? = \frac{7}{4}$

136. Select the number from among the given options that can replace the question mark (?) in the following series.
47, 64, 448, ?, 2315, 2328, 4984
(a) 459 (b) 461
(c) 463 (d) 465

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

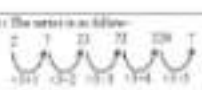
Ans. (b) : The given series is as follows :

Hence, ? = 463

137. Select the number that can replace the question mark (?) in the following series.
1, 7, 13, 73, 336, ?
(a) 500 (b) 472
(c) 485 (d) 498

RRB NTPC 17.02.2021 (Shift-II) Stage Ist

Ans. (c) : The series is as follows:



$\therefore ? = 228 \times 1 + 3$

$? = 600 \div 5$

$? = 60$

138. Select the number from the given options that will replace the question mark in the given series.

2, 4, 5, 5, 8, 6, 16, 7, 5, 25, 15

(a) 15 (b) 20

(c) 10 (d) 30

RRB NTPC 15.01.2021 (Shift-1) Stage Ist

Ans. (c) :

Hence, it is clear that in place of the question mark will be 10.

139. Select the option that will fill the blank and complete the given series.

5, 4, 8, 9, –7, _____

(a) 8 (b) 10

(c) 7 (d) –12

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (b) : The given number series is as follows:

$? = 10$

140. Identify the number that is different from the rest.

23, 29, 31, 37, 41, 43, 47

(a) 31 (b) 37

(c) 41 (d) 43

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (c) : 23, 29, 31, 37, 41, 43, 47

Among the given numbers 41 is a composite number. While all the other numbers are prime numbers.

Hence, option (c) is different.

141. Select the combination of numbers, from the given options, that when sequentially placed in the blanks of the given series will complete the series:

5, 2, 13, / 5, 4, 41/ _____

(a) 7, 6, 45 (b) 6, 7, 100

(c) 6, 7, 45 (d) 7, 6, 100

RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (a) : Let us,

$(5 \times 2) + 2 + 1 = 13$

$(5 \times 4) + 2 + 1 = 41$

Similarly,

$(7 \times 6) + 2 + 1 = 43$

Hence, option (a) will be in blank space.

142. Select the number that can replace the question mark (?) in the following series.

1, 5, 32, 288, ?

(a) 9613 (b) 4319

(c) 2704 (d) 2879

RRB NTPC 25.01.2021 (Shift-II) Stage Ist

Ans. (a) : The series is as follows:

First series: $1^2 = 1$

Second series: $= 2^2 + 1^2 + 1 = 5$

Third series: $= 3^2 + 2^2 + 1^2 + 32$

Fourth series: $= 4^2 + 3^2 + 2^2 + 1^2 = 288$

Fifth series: $(?) = 5^2 + 4^2 + 3^2 + 2^2 + 1^2$

$\therefore ? = 3413$

143. Select the number that can replace the question mark (?) in the following series.

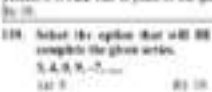
2, 10, 30, 68, 5, 222

(a) 130 (b) 182

(c) 120 (d) 130

RRB NTPC 03.02.2021 (Shift-I) Stage Ist

Ans. (a) : Series are as follows:



Hence, 130 will replace (?).

144. Select the numbers that can replace the question marks (?) in the following series.

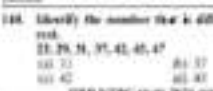
4, 8, 6, 18, 16, 46, 36 ?, ?

(a) 108, 110 (b) 172, 170

(c) 206, 275 (d) 216, 218

RRB NTPC 02.03.2021 (Shift-II) Stage Ist

Ans. (a) : The given series is as follows:



Hence, option (a) is correct.

145. Select the number from the given options that can come next in the following series.

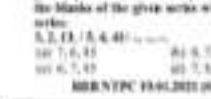
1, 13, 126, 1248, 12496, _____

(a) 124992 (b) 124961

(c) 124992 (d) 124978

RRB NTPC 22.01.2021 (Shift-I) Stage Ist

Ans. (a) : The given series is as follows:



Hence, 124992 will be the next number in the series.

146. From the given options, select the number that can replace the question mark (?) in the following series.
9, 26, 65, 124, ?
(a) 214 (b) 216
(c) 215 (d) 217

RRB NTPC 29.01.2021 (Shift-1) Stage 1st

Ans. (d) : The given series is as follows:

9 26 65 124 [?]

1^3+1 3^3+1 4^3+1 5^3+1 6^3+1

Hence, 217 will replace the question mark.

147. Identify the number from the given options that does NOT belong to the given series.
3, 7, 17, 31, 59
(a) 7 (b) 59
(c) 31 (d) 17

RRB NTPC 28.01.2021 (Shift-2) Stage 1st

Ans. (b) : The given series is as follows:

3 7 17 31 [?] = 47

+4 +10 +14 +16

+6 +4 +2

Hence in the place of 59, the number will be 47.

148. Select the number that can replace the question mark (?) in the following series.
12, 24, 48, 96, 192, 384, ?
(a) 768 (1536) (b) 768 (1568)
(c) 768 (1536) (d) 768 (1636)

RRB NTPC 02.02.2021 (Shift-2) Stage 1st

Ans. (a) : The given series is as follows:

12 24 48 96 192 384 [?] = 768 (1536)

Hence, ? = 768 (1536)

149. Select the number from the given options that can replace the (?) in the following number series.
40, 40, 41, 16, 42, 8, 43, ?
(a) 16 (b) 9
(c) 11 (d) 8

RRB NTPC 09.02.2021 (Shift-2) Stage 1st

Ans. (d) : The given series is as follows:

40 40 41 16 42 8 43 [?]

Hence, 8 will be in the place of question mark.

150. Find the next two terms of the given series :
1 2 9 4 9 9 13 16 17 32 21
(a) 46, 27 (b) 25, 60
(c) 27, 48 (d) 34, 25

RRB NTPC 11.01.2021 (Shift-2) Stage 1st

Ans. (d) : Given series is as follows:

1 2 9 4 9 9 13 16 17 32 21 [?] [?]

Hence, next two terms of the series is 34 and 25.

151. Find the next number according to given series below.
16, 19, 11, 38, _____
(a) 34 (b) 39
(c) 44 (d) 42

RRB Group-D – 26/09/2018 (Shift-1)

Ans. (c) : By adding one digit each to the given numbers step by step. You will get the next number in the series.

16 + 3 = 19
19 + 4 = 23
23 + 5 = 28
38 + 6 = [44]

152. Complete the series by choosing missing number
59967, 59964, 59961, 59958, _____
(a) 59957 (b) 59954
(c) 59955 (d) 59956

RRB Group-D – 26/09/2018 (Shift-1)

Ans. (d) : The given number series is as follows:

59967 59964 59961 59958 [59955]

-3 -3 -3

Hence, the missing number 59955 will complete the series.

153. Select the next number in given series.
1200, 600, 300, _____
(a) 300 (b) 75
(c) 150 (d) 150

RRB Group-D – 26/09/2018 (Shift-1)

Ans. (d) : Series is as follows:

1200 600 300 [150]

÷2 ÷2 ÷2

Hence, next number is 150.

154. Complete the number series by choosing missing number from options.
11, 18, 27, 36, 43, 5, 7, 48, 79
(a) 52, 61 (b) 52, 59
(c) 58, 59 (d) 59, 61

RRB Paramedical 21.07.2019 (Shift – 1)

Ans. (b) : Series is as follows:

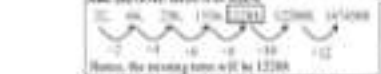
11 18 27 36 43 [52] [59] 48 79

+9 +9 +9 +9 +9 +7 +7 +7

Hence, missing numbers are 52 and 59.

155. Complete the number series by choosing missing number from options.
32, 64, 256, 1536, ?, 122880, 1474560
(a) 12288 (b) 12288
(c) 122880 (d) 12288
RRB Group-D – 17/09/2018 (Shift-I)

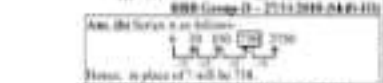
Ans. (b) Given series is as follows:



Hence, the missing term will be 12288.

156. Find the missing number in following term.
6, 30, 150, 7, 2700
(a) 920 (b) 700
(c) 790 (d) 1000
RRB Group-D – 27/11/2018 (Shift-II)

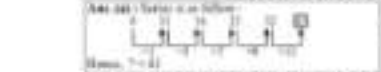
Ans. (b) Series is as follows:



Hence, in place of '?' will be 710.

157. Fill the missing term from given options.
8, 11, 16, 23, 32, ?
(a) 43 (b) 40
(c) 42 (d) 40
RPF SI 16.01.2019 Shift – I

Ans. (a) Series is as follows:



Hence, '?' = 43

158. What will be next number in following series.
31, 46, 41, ……
(a) 29 (b) 36
(c) 26 (d) 27
RRB Group-D – 20/09/2018 (Shift-III)

Ans. (b) Series is as follows:

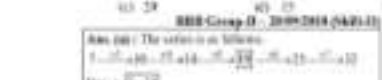
159. Find the next term in the below series.
29, 31, 38, 46 ————
(a) 48 (b) 54
(c) 55 (d) 56
RRB Group-D – 19/09/2018 (Shift-I)

Ans. (c) The series is as follows:

Hence the next number in the series is 55.

160. Select the missing number from the given series.
7, 10, 14, 7, 15, 32
(a) 19 (b) 18
(c) 29 (d) 17
RRB Group-D – 20/09/2018 (Shift-II)

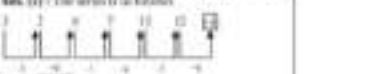
Ans. (a) The series is as follows:



Hence '?' = 19

161. Select the missing number from the given series-
3, 2, 8, 7, 13, 12, ? _____
(a) 26 (b) 23
(c) 18 (d) 17
RRB Group-D – 20/09/2018 (Shift-III)

Ans. (a) The series is as follows:



Hence '?' = 18

162. Select the missing number from the given series.
9, 11, 15, 17, 21, 23, ?
(a) 30 (b) 24
(c) 27 (d) 29
RPF Constable 29.01.2019 Shift – I

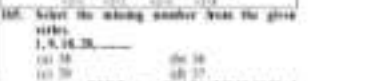
Ans : (c) 9, 11, 15, 17, 21, 23 ……
From the given series,
$9 + 2 = 11$
$11 + 4 = 15$
$15 + 2 = 17$
$17 + 4 = 21$
$21 + 2 = 23$
So, 4 will be added to the next number in the sequence.
Hence Number = $23 + 4 = 27$

163. Complete the following number series by choosing appropriate option
1, 8, 27, 64, ……, 343, ……, 729
(a) 125, 360, 518 (b) 145, 264, 512
(c) 125, 216, 512 (d) 125, 215, 509
RRB Group-D – 16/10/2018 (Shift-III)

Ans. (c) 1, 8, 27, 64, ……, 343, ……, 729
$= 1^3, 2^3, 3^3, 4^3, 5^3, 6^3, 7^3, 8^3, 9^3$
Hence missing number = 125, 216, 512

164. Select the missing number from the given series.
27, 29, 35, 7, 47
(a) 35 (b) 48
(c) 39 (d) 41
RRB Group-D – 17/09/2018 (Shift-II)

Ans. (d) The series is as follows:

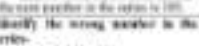


165. Select the missing number from the given series.
1, 9, 16, 28, ……
(a) 38 (b) 36
(c) 39 (d) 37
RRB Patna(Bihar) 20.07.2019 Shift – I

Ans. (c) The series is as follows:

166. Select the missing number from the given series.
71, 81, 88, 96, ……
(a) 107 (b) 110
(c) 110 (d) 104
RPF SI 16.01.2019 Shift – I

Ans. : (a) The series is as follows



Hence the next number in the series is 189.

147. Identify the wrong number in the following series-

1, 6, 27, 125, 342, 1331

(a) 1331 (b) 27

(c) 342 (d) 125

RRB Group-D – 26/09/2018 (Shift-II)

Ans. (c) : 1, 6, 27, 125, 342, 1331

$1^3 = 1$

$2^3 = 8$

$3^3 = 27$

$5^3 = 125$

$7^3 = 343 \neq 342$

$11^3 = 1331$

Hence the wrong number is 342

148. Select the missing number from the given series.

320, 290, 260, _____

(a) 140 (b) 230

(c) 170 (d) 200

RRB Group-D – 26/09/2018 (Shift-III)

Ans. : (b) The series is as follows

149. Select the number that will come next in the following series

65, 94, 65, 76, _____

(a) 93 (b) 66

(c) 99 (d) 94

RRB Group-D – 27/09/2018 (Shift-III)

Ans. (a) : The series is as follows

Hence next number = 93

150. Select the missing number from the given series.

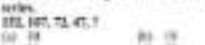
252, 107, 72, 47, ?

(a) 34 (b) 38

(c) 39 (d) 32

RPF SI 16.01.2019 Shift : II

Ans. : (d) The series is as follows



151. Select the missing number from the given series.

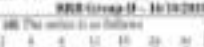
2, 4, 6, 12, 14, 28, 30, _____

(a) 32 (b) 62

(c) 64 (d) 60

RRB Group-D – 16/10/2018 (Shift-II)

Ans. : (d) The series is as follows



152. Which number will come in the place of question mark in following series-

6, 7, 21, 22, 66, 7, 201

(a) 69 (b) 42

(c) 67 (d) 49

RRB Group-D – 24/10/2018 (Shift-II)

Ans. (c) : The series is as follows

Hence $\boxed{? = 67}$

153. Select the missing number from the given series.

12, 35, 65, 98, _____?

(a) 124 (b) 123

(c) 122 (d) 126

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (c) The series is as follows

Hence $\boxed{? = 122}$

154. What is the next number of following series

8, 2, 9, 28, 65, _____

(a) 81 (b) 126

(c) 256 (d) 121

RRB NTPC 29.01.2017 Shift : III

Ans. (b) : The series is as follows

$1^3 + 1 = 2$

$2^3 + 1 = 9$

$3^3 + 1 = 28$

$4^3 + 1 = 65$

$5^3 + 1 = \boxed{126}$

155. Fill the right number in blank space.

_____, 9, 25, 49, 121, 169

(a) 1 (b) 3

(c) 2 (d) 4

RPF Constable 25.01.2019 Shift : I

Ans. (d) : The given series is made up of square of prime numbers

$3^2, 5^2, 7^2, 7^2, 11^2, 13^2$

Hence $2^2 = 4$ will be at the blank space

156. Find the missing term (?) in the series -

3, 7, 13, 21, 31, ?

(a) 41 (b) 42

(c) 43 (d) 44

RRB NTPC 19.04.2016 Shift : I

Ans. (c) : The series is as follows

$\boxed{? = 43}$

177. **A number series is given below which has a miss number represented by (?). Find the correct option from given alternatives that fit the pattern in the series.**
2, 6, 12, 7, 30, 42, 56
(a) 24 (b) 21
(c) 23 (d) 29
RRB Paramedical 21.07.2019 Shift : III

Ans. (a) : The series is as follows

178. **Select the missing number from the given sequence.**
1, 2, 6, __, 120, 720
(a) 12 (b) 30
(c) 24 (d) 6
RRB ALP & Tec. (10-08-18 Shift-III)

Ans. (c) :

Hence the missing number in the above series will be 24.

179. **Select the missing number from the given series.**
6, 25, 62, 125, 214, _____?
(a) 341 (b) 317
(c) 334 (d) 292
RRB NTPC 10.01.2017 Shift : I

Ans. (a) : The series is as follows

180. **Select the absent number in the place of question mark in following series-**
5, 8, 13, 19, ?
(a) 23 (b) 22
(c) 24 (d) 21
RPF Constable 25.01.2019 Shift : I

Ans. (a) : The series is as follows

181. **Choose the correct alternative which will complete the following series :**
4, 9, 12, 24, 18, ?
(a) 36 (b) 27
(c) 72 (d) 54
RRB ALP & Tec. (21-08-18 Shift-I)

Ans : (a) The series is as follows

182. **Select the correct option that will complete the given number series.**
13, 19, 7, 8, _____
(a) 1 (b) 2
(c) 5 (d) 4
RRB ALP & Tec. (21-08-18 Shift-II)

Ans. (a) : The given number series is as follows.

183. **Choose the correct alternative which will complete the following series :**
23, 35, 19, 46, 17, 65, ?
(a) 12 (b) 14
(c) 13 (d) 15
RPF SI 16.01.2019 Shift : III

Ans : (d) The series is as follows

184. **Select the missing number from the given series.**
13, 36, 16, 33, 7, 36, 24
(a) 21 (b) 28
(c) 24 (d) 30
RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (a) : The series is as follows

185. **What will be next number in the series ?**
8, 1, 4, 27, 16, 125, 36, ?
(a) 343 (b) 144
(c) 72 (d) 25
RRB ALP & Tec. (20-08-18 Shift-III)

Ans : (a) The series is as follows

186. **Select the missing number from the given series:**
3, 13, _____, 31613
(a) 147 (b) 148
(c) 200 (d) 150
RRB ALP & Tec. (14-08-18 Shift-II)

Ans : (a) The series is as follows

187. **A series is given, in which one term is missing select the correct option to complete the series.**
1.14, 1.28, 1.42, ?, 1.70, 1.84
(a) 1.56 (b) 1.58
(c) 1.60 (d) 1.62
RRB ALP CBT-2 Mo. - Shift 23-01-2019 (Shift-III)

Ans. (a) : The given series is as follows-

188. What will be next number in the series?
8, 1, 8, 27, ?
(a) 74 (b) 16
(c) 125 (d) 64
RPF SI 13.01.2019 Shift – 1

Ans : (d) The series is as follows

$$\begin{array}{ccccc} 8^1 & 1^2 & 2^3 & 3^4 & 4^5 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 8 & 1 & 8 & 27 & \boxed{64} \end{array}$$

Thus the number 64 will complete the above series.

Type - 2

189. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.
KP_LZ_P_MZK_R_Z_PR_Z
(a) BKIPNPO (b) BKIPNKO
(c) BKIPNKP (d) BKPNKP
RRB Group-D 19-09-2022 (Shift-III)

Ans. (b) : The given series is as follows:

KPR_Z / KPNZ/ KPN_Z / KPKZ

Hence, BKRPNKO will complete the letter series.

190. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
M N L _ M N L L _ L L M _ L L _ N L L _ N
(a) N M N N M L (b) L N N M M M
(c) L N M N M M (d) L M N N M M
RRB NTPC (Stage-II) – 13/06/2022 (Shift-II)

Ans. (d) : The given series is as follows:

M N L L M N L L M N L L M N L L M N L L

Hence, LMNNMM will complete the letter series.

191. Select the combination of letters that when sequentially placed in blanks of the given series will complete the series.
_b_ _ r d_ p _ r _ b _ b _ dr _ b_
(a) rpbrbdpbd (b) pbrdbprbd
(c) rpbrbdrpb (d) pbdprrbdp
RRB NTPC (Stage-II) – 14/06/2022 (Shift-II)

Ans. (a) : The given series is as follows:

p b r p b r / r p b r / r p b r p / r p b r p r / r b p r

Hence, rpbrbdrpb will complete the letter series.

192. Select the option that represents the letters that, when place from left to right in the blanks below, will complete the letter series.
E_FG_E_FGHE_GGH_FGH_
(a) EFHFEF (b) EFHEFH
(c) EHFEEH (d) EHFGEH
RRB Group-D- 06/10/2022 (Shift-I)

Ans.(c) : The given series as follows:

E E F G E / E E F G H / E E G G H / E F G H E

Hence, EHFEEH will complete the letter series.

193. Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.
PQ_RRR_SSSTU_VVVW_WW
(a) QSUW (b) RSVW
(c) QRUW (d) QSVW
RRB Group-D- 13/09/2022 (Shift-I)

Ans. (a) : The given series is as follows:

P Q S R R R S S S
T U S V V V W W W

Hence, blank space will replaced by S U W.

194. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.
K_G_D_LGP_KLPDK_G_D
(a) LPKLGDP (b) LLPPKDG
(c) LPKDGLP (d) LKPDLGP
RRB Group-D- 05/09/2022 (Shift-I)

Ans.(c) : The given series is as follows:

K L G P D K L G P K L G P D K L G P D

Hence, LPKDGLP will complete the letter series.

195. Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.
MN_LMM_PLM_NP_MMNN_M
(a) NPNNMNLPP (b) NNNNMNLPL
(c) NPNNMNLPL (d) MPNNMNLPL
RRB Group-D 11-10-2022 (Shift-I)

Ans. (c) : The given series is as follows :-

M N N P L M / M N N P L M / M N N P L M / M N N P L M

Hence, NPNNMNLPL will complete the letter series.

196. Select the option that represents the letter that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.
JJL_KKJJ_KKKJ_LKKKJJ
(a) KLJ (b) KJL
(c) JKL (d) KLK
RRB Group-D 11-10-2022 (Shift-II)

Ans. (a) : The given series is as follows:

J J L K K J / J L K K K / J J L K K K / J J

Hence, KLJ will complete the letter series.

197. Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.
F_LN_SV_ZC_
(a) IPXF (b) IQXF
(c) IPXE (d) IPXG
RRB Group-D 25-08-2022 (Shift-I)

Ans. (a) : Letter series is arranged in alphabetical order
F J L N P R V X Z C E
Hence, DFNP is correct answer.

198. Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.

_LMT__PLMT_KPL__KPLMT_

(a) KPTKTMTT (b) KPTTKTMTT
(c) KPTMTTKT (d) KPTMTKTTT

RRB Group-D 20-09-2022 (Shift-III)

Ans. (a) : The given series is as follows :
K P L M T T / K P L M T T / K P L M T T / K P L M T T
Hence, the required combination of letters are : KPTKTMTTT for complete the series.

199. Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

ZA __ XE __ CD __ AYBX _ ABC _ Z _ VB _ Cx __ B

(a) YBAAZBDAYBC (b) YBBBACDBXBC
(c) YBAADCDAAAC (d) YBABDYDAABC

RRB Group-D 29-09-2022 (Shift-II)

Ans. (d) : The given series is as follows,
ZA Y B WC A B CD V Z AYBX C ABC D Z Z A YB X CA B C D
Hence, Y B A B Z C D A A B C will complete the letter series.

200. Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

QW – R – XE –Q –EBQFE –

(a) EQRER (b) EQRYE
(c) EQRYR (d) EQLYR

RRB Group-D 24-09-2022 (Shift-III)

Ans. (c) : The given series is as follows
QWER QXER QYER QZER
+1 +1 +1
Hence, EQRY R will complete the letter series.

201. Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

G – Q – A – T –N –GTQN – G – QNB

(a) TMGQBCT (b) TAGNBCT
(c) TGGQBCQ (d) TNGQBCC

RRB Group-D 24-09-2022 (Shift-II)

Ans. (a) : The given series is as follows
G TQN A GTQN G TQNB G TQNC G TQMD
Sequence of letters TMGQBCT will complete the series.

202. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

A__BD CEB__CEB_

(a) CDAEAD (b) CEADAD
(c) CADABE (d) CDADEA

RRB NTPC (Stage-II) –21/06/2022 Shift-I

Ans. (b) : The given series is as follows
ACBD/ ACEBD/ ACEBD
Hence, CEADAD will complete the series.

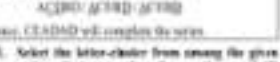
203. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

DL, GO, LE, OA, TG, ?

(a) WM (b) UL
(c) WL (d) YM

RRB NTPC (Stage-II) –21/06/2022 Shift-I

Ans. (a) : The given series is as follows,



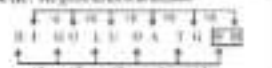
204. Select the letter-cluster from among the given options that can replace the question (?) in the following series.

GM, STB, KUY, MYT, OMAL ?

(a) ISM (b) JYM
(c) QNJ (d) QNK

RRB NTPC (Stage-II) –21/06/2022 (Shift-II)

Ans. (c) : The given series is as follows,



Hence, It is clear that option (c) is correct.

205. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

a_bca__ca_b__abc

(a) abbca (b) abacca
(c) bacaa (d) aacbc

RRB NTPC (Stage-II) – 21/06/2022 (Shift-II)

Ans. (a) : The given series is as follows
abbca bcaabcabc
Hence option (a) will complete the series.

206. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CEGJ, FIOR, GUKG, IMMU, ?

(a) MQUO (b) QXUR

(c) XAOU (d) UYXC

RRB NTPC (Stage-II) – 16/06/2022 (Shift-I)

Ans. (a) : The letter-cluster series is as follows-

Hence, Letter-cluster 'KAOU' is replace the question mark.

207. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

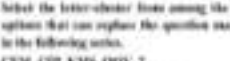
CEM, GIP, KMS, OQV, ?

(a) RTY (b) SUY

(c) SGZ (d) RTX

RRB NTPC (Stage-II) – 16/06/2022 (Shift-III)

Ans. (b) : The given series is as follows-



Hence, $\boxed{\text{? = SUY}}$

208. Select the letter-cluster from among the given options that can replace the question mark(?) and continue the given series.

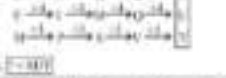
KNB , IKG, GJE, ?

(a) GEC (b) EGC

(c) EGB (d) GEB

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (b) : The given series is as follows-



209. Select the letter-cluster that can fill in the blank in the following series.

AXDR, DKJX, GRPF, JUVZ, _____, PYBN

(a) MRIT (b) MRHT

(c) MRHS (d) MRCT

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (b) The given series is as follows-

Hence, MRHT will fill in blank.

210. Select the letter-cluster from among the given options that can replace the question mark (?) and continue the given series.

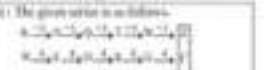
KWX, NSA, QOB, TKG, WGJ, ?

(a) AND (b) CAN

(c) JDM (d) ZCM

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (d) : The given series is as follows-



211. Select the option that will fill in the blank and complete the given series.

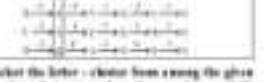
ABCD, _____, WXZA, XXXX, UVWX, UUUU

(a) DDDD (b) BCBA

(c) AAAA (d) DCBA

RRB NTPC (Stage-II) – 17/06/2022 (Shift-III)

Ans. (c) : The given series is as follows-



212. Select the letter - cluster from among the given options that can replace the question mark(?) in the following series.

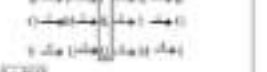
RGS, FMU, ?, NDL, IGZ

(a) BGQ (b) BGE

(c) ILR (d) ILQ

RRB NTPC (Stage-II) – 18/06/2022 (Shift-I)

Ans. (a) : The given series is as follows-



Hence, $\boxed{\text{? = BGQ}}$

213. Select the letter-cluster from among the options that can replace the question mark (?) in the following series.

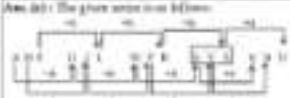
MDF, GJL, MPR, ? VBD

(a) SXA (b) SVS

(c) SVR (d) STU

RRB NTPC (Stage-II) – 18/06/2022 (Shift-II)

Ans.(d) : The given series is as follows:



Hence, ZNYX will be in place of the question mark.

214. **Select the combination of letters that when superfully placed in the blanks of the given series will complete the series.**

NY_NY_ _ZNYX_ _ NYNY _ _

(a) ZNYZZZNZ (b) ZNYYZZNY

(c) ZNYYZZNY (d) YNYYZZNY

RRB NTPC (Stage-II) – 15/06/2022 (Shift-III)

Ans.(a) : NYZNY / NYZNY / NYZNY / NYZNY

Hence, ZNYYZZNY will come in the blank spots.

215. **Select the letter from among the given options that can replace the question mark (?) in the following series.**

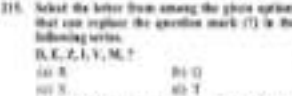
D, E, Z, I, V, M, ?

(a) R (b) Q

(c) X (d) T

RRB NTPC (Stage-II) – 15/06/2022 (Shift-III)

Ans.(a) : The given series is as follows:-



Hence, R will come in the place of (?).

216. **Select the letters pair from among the given options that can replace the question mark (?) and continue the given series.**

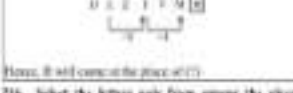
AN, EL, ?, GH, IF

(a) EI (b) DF

(c) EI (d) DI

RRB NTPC (Stage-II) – 16/06/2022 (Shift-I)

Ans.(c) : The given letter series is as follows:



Hence, ? = EI

217. **Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.**

R_A_R_ _R_ _BA_R_NB_

(a) AMBRMBANN (b) BMARBAMBAA

(c) AMARBARAB (d) ABAMAAABBM

RRB Group-D– 20/08/2022 (Shift-III)

Ans.(b) : The given series is as follows:-

R B A M R A B M R A B A M R A B A M R A

Hence, BMARBAMBAA is correct.

218. **Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.**

Q _ T _ T _ RT _ TQR _ RT

(a) RQRRT (b) RTTRQ

(c) RRRQT (d) RRQRT

RRB Group-D– 20/08/2022 (Shift-I)

Ans. (d) : The given letter series is as follows:-

Q R T R T Q R T R T Q Q T R T

Hence, (_) = RRQRT

219. **Select the option that represents the letter that when placed from left to right in the same sequence in the blanks below, will complete the letter series.**

F G _ C _ FQ _ bF _ vC A FQ _ bF _ vC _ I _ PN

(a) S A P G P G A Q (b) S A P G R G A P

(c) S A P F R E A P (d) S A P G P G D Q

RRB Group-D– 30/09/2022 (Shift-I)

Ans. (a) : The given letter series is as follows:-

F G S C A F G Z N F G S C A F G Z N F G S V A F G P N

Hence, (_) = SAPGPGAQ

220. **Select the combination of letters that when placed from left to right in the same sequence in the blanks of the given series will complete the series.**

XY_YZ_XYY _ _ ABNY _ ZAB _ _XYZA_

(a) YABYZYYXYZ (b) YZBYZYYXYZ

(c) YABYZYYXYB (d) YABYZYYXYB

RRB Group-D– 01/09/2022 (Shift-III)

Ans. (d) : The given letter series is as follows:-

X Y Y Y Z A B X Y Y Y Z A B X Y Y Y Z A B X Y Y Y Z A B

Hence, (_) = YABYZYYXYB

221. **Select the option that represents the letters that, when placed from left to right in the blanks, will complete the letter series.**

_ TV _ RV _ S _ _ WSRVX _

(a) RTURRE (b) RSVRTX

(c) RSVURR (d) RSVRTR

RRB Group-D– 18/09/2022 (Shift-III)

Ans. (b) : The given letter series is as follows:-

R T U R T S V R T S V R T S V

Hence, (_) = RSVRTX

222. **Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.**

LG _ ALL _ FRL _ GF _ LLGF _ L

(a) FRLCD (b) FGLLD

(c) FLGDC (d) FGLCD

RRB Group-D– 22/09/2022 (Shift-III)

Ans. (d) : The given letter series is as follows :

L G E A L / L G F B L / L G F C L / L G F D L

Hence, (...) FDLCD

213. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

P, Q, P, M, Q, P, Q, P

(a) MPPQQQM (b) MPQPQMQ

(c) MQPQPQM (d) MQPQPMQ

Ans. (d) : The given letter series is as follows :

P M Q Q P E M Q Q P M Q Q P

Hence, option (d) will complete the letter series.

214. Select the combination of letters that when sequentially placed in the blanks will create a logical pattern.

abc – – d cde d – – e – – fh

(a) d, c, e, b, c (b) b, c, e, c, e

(c) d, e, c, e, c (d) b, c, c, e, c

RRB NTPC 22.01.2021 (Shift-II) Stage 1st

Ans. (b) : a b c b c d c e d e d c e d e f g e f g h

Hence, option (b) is correct.

215. A series is given with one missing term. Choose the correct option from the given ones that will complete the series:

DE, GH, JK, MN, ?

(a) RP (b) QR

(c) OP (d) PQ

RRB ALP CBT-2 Mec. – Dated 21-05-2019 (Shift-III)

Ans. (d) : The given series is as follows :

Hence, ? = PQ

216. Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

mnop, ..., pmnomnop, ..., mnop, ...

(a) m, p, m, p, o, m (b) n, p, p, m, m, p

(c) m, p, p, n, o, p (d) n, p, p, m, p, p

RRB NTPC 30.01.2021 (Shift-II) Stage 1st

Ans. (d) :

m n o n n p p n o m n o n n p p n o m n o n n p p

Hence, option (d) is correct.

217. Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

i, bbu, yab, ac, ab, ac

(a) b, c, b, c, c (b) b, c, c, c, b

(c) c, c, b, c, b (d) c, b, c, b, c

RRB NTPC 28.12.2020 (Shift-I) Stage 1st

Ans. (a) : The correct pattern is The

i y b b u y c a b a c c a b a c

Hence, option 'a' will be the correct

218. Select the letter cluster that can replace the question mark (?) in the following series.

BZA, DVC, FXE, HWG, ?

(a) KVI (b) JGH

(c) JVH (d) JVI

RRB NTPC 28.12.2020 (Shift-I) Stage 1st

Ans. (d) : The given series :

B $\xrightarrow{+2}$ D $\xrightarrow{-3}$ Y $\xrightarrow{+4}$ B $\xrightarrow{-5}$ V $\xrightarrow{+6}$ H

D $\xrightarrow{+2}$ V $\xrightarrow{-3}$ S $\xrightarrow{+4}$ W $\xrightarrow{-5}$ V

A $\xrightarrow{+2}$ C $\xrightarrow{-3}$ Z $\xrightarrow{+4}$ D $\xrightarrow{-5}$ I

Hence, ? = JVI

219. Select the most appropriate option to fill in the blank

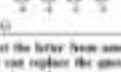
W A O K _____

(a) T (b) G

(c) M (d) L

RRB NTPC 05.01.2021 (Shift-I) Stage 1st

Ans. (b) :



Hence, ? = G

220. Select the letter from among the given options that can replace the question mark (?) in the following series.

I, V, Q, L, ?

(a) B (b) C

(c) A (d) D

RRB NTPC 07.01.2021 (Shift-I) Stage 1st

Ans. (a) : The sequence of the given series :

Hence, ? = A

221. Select the pattern that will come next in the following series.

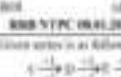
CKV, DUW, EHX, ?

(a) FNY (b) IEN2

(c) BOI (d) FLP

RRB NTPC 08.01.2021 (Shift-II) Stage 1st

Ans. (a) : Given series is as follows :



222. The given letter clusters follow a certain pattern. Select the option that gives the correct sequence of the letters that are missing from the letter clusters.

DECAB / GIFF_ / KNJJ_ / PQOM_

(a) MFI (b) FJM

(c) EJN (d) EM

RRB NTPC 16.01.2021 (Shift-I) Stage 1st

Ans. (a) (The given series is as follows-

4 5 3 1 2 3 4 2 1 3 4 2 1 4 5 3 1 2

D G I C A B G I B F E / R N I J L P Q O M K

Series (1) Series (2) Series (3) Series (4)

The sequence of series (1) and series (4) is of the same type, and the sequence of series (2) and series (3) is of the same type.

233. Select the letter from the given options that can replace the question mark (?) and complete the 4th letter cluster in the following series

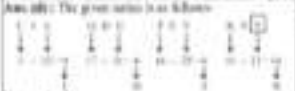
CIL, QHU, PFV, KN?

(a) N (b) Z

(c) X (d) V

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (d) (The given series is as follows-



Hence, ? = V

234. Select the letter clusters from among the given options that can replace the question mark (?) in the following series.

ab, ce, ed, gc, ?

(a) if (b) ie

(c) gf (d) id

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (a) (Given series is as follows-

Hence, ? = if

235. Identify the letter that does not belong to the following series

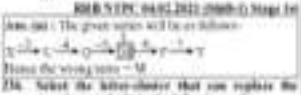
S, U, Q, W, E, Y

(a) M (b) U

(c) Y (d) V

RRB NTPC 04.02.2021 (Shift-I) Stage Ist

Ans. (a) (The given series will be as follows-



Hence the wrong term = M

236. Select the letter-cluster that can replace the question mark (?) in the following series

SUMA, ASUM, MASU, ?

(a) SAUM (b) UMAS

(c) MAUS (d) UASM

RRB NTPC 11.02.2021 (Shift-I) Stage Ist

Ans. (b) (Series is as follows-

Hence, ? = UMAS

237. Identify the term that does not belong to the following series

CEB, DHE, EGF, FGB, GHE, HB

(a) HGB (b) DHE

(c) GEB (d) EGF

RRB NTPC 11.02.2021 (Shift-I) Stage Ist

Ans. (a) (The given series is as follows-

Hence, EGF does not belong to the series. In the place of FGB will be FHG.

238. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

bbcdde--dbbdd--cbcfgfhgg--ggh--

(a) bdfc (b) cdfh

(c) cdfe (d) bcgh

RRB NTPC 04.03.2021 (Shift-I) Stage Ist

Ans. (b) (On putting the letters of the combinations of letters (cdfh) in the blank spaces respectively,

bbcdde-cdfhdd-bbdd-cbcfgfhgg-ggh)

239. Select the combination of letters that when sequentially placed in the blanks will create a series

ab _, ac _, ade, _, af, a _g

(a) a, d, b, f (b) b, d, a, f

(c) a, d, a, f (d) a, b, a, b

RRB NTPC 06.04.2021 (Shift-I) Stage Ist

Ans. (c) (Given alphabet series as follows-

abg, acg, adc, gef, adg)

240. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ACE, IGL, OQS, ?

(a) VWX (b) VXZ

(c) ZXV (d) UWV

RRB NTPC 26.07.2021 (Shift-I) Stage Ist

Ans. (b) (The given series is-

241. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ACDE, GJIL, MOPR, ?

(a) SVUX (b) STVX

(c) SVTX (d) SUVX

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (d) : Given series is as follows –

Hence 'SUVN' will be in the place of question mark.

242. Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

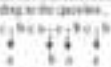
s_bca- c_ba_b

(a) dbac (b) abbc

(c) dbac (d) abcc

RRB NTPC 09.01.2021 (Shift-1) Stage Ist

Ans. (b) : According to the question,



(sdb, sdb, sdb, sdb)

Hence, 'dbac' will come in the place of blank space.

243. Select the combination of letters that sequentially placed in the blanks will create a repetitive pattern.

E___k_j___BKk

(a) kjjk (b) jkkj

(c) jkkk (d) jkkj

RRB NTPC 09.01.2021 (Shift-1) Stage Ist

Ans. (b) : The given series is follows as

E j j E k j j BKk

Hence, the blank space in the above series will be jkkj.

244. Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

ddb- a-bb-bbb

(a) bbbb (b) abbb

(c) bddb (d) bbba

RRB NTPC 30.01.2021 (Shift-2) Stage Ist

Ans. (d) : The given series is as follows.

ddbb abbb abbb

Hence, at the blank space in above series will be bbba.

245. Identify the letter that does NOT belong to the following series.

E, V, H, S, K, Q, N, M

(a) Q (b) K

(c) M (d) N

RRB NTPC 04.01.2021 (Shift-2) Stage Ist

Ans. (a) : Given series follows as

Hence, Q is not related to series. P will be at the place of Q.

246. Select the option that will fill in the blank and complete the given series.

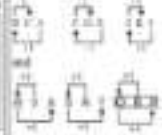
BCA, WYX, FGE, SET, JKL, ——

(a) OPN (b) NOM

(c) OMP (d) MNL

RRB NTPC 09.01.2021 (Shift-II) Stage Ist

Ans. (c) : The given letter series will be as follows.



Hence the complete series is as follows.

BCA, WYX, FGE, SET, JKL, OMP

247. Select the combination of letters that, when placed consecutively at the blanks in the following series is form a repetition pattern.

QS_Q_R_Q_RRQ

(a) QSRQ (b) RQSR

(c) RQRQ (d) QRSR

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (c) : Combination of letters is as follows

Q S R Q Q R R Q Q S R R Q

So, the combination of option (c) is correct.

248. From the given options, choose the appropriate word group which may replace (?).

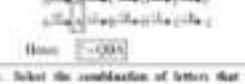
RAA, ?, PUR, OHL, NEC, MOC

(a) PKL (b) QSA

(c) PDH (d) QSC

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (b) : The given series is as follows



Hence, ? = QSA

249. Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

a_bc_a_bcdc_cad_bcd_

(a) a, d, b, b, a, d (b) a, a, b, d, b, d

(c) a, d, b, b, d, d (d) a, a, b, c, a, d

RRB NTPC 04.01.2021 (Shift-II) Stage Ist

Ans. (a) : The repetition pattern will be made in following way-

a g b c d e f h i j k l m n o p

250. Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.
bb_ac_bb_bacc_b

(a) b, b, c, c (b) b, c, c, b
(c) c, c, b, b (d) c, b, c, b

RRB NTPC 16.01.2021 (Shift-II) Stage-1st

Ans. (a) : The repetition pattern of letters are as follows

Bbgc cgbb Bbcc ccBB

251. Select the option that can replace the question mark (?) in the following series.
LB, MC, ?, DG, PK

(a) M (b) NE
(c) NF (d) NH

RRB NTPC 25.01.2021 (Shift-II) Stage-1st

Ans. (b) : Series is as follows-

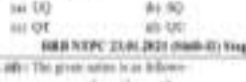
Hence, ? = NE

252. Select the letter-cluster from among the given option that can replace the question mark (?) in the following series.
KL, MO, OR, ?

(a) UQ (b) SQ
(c) QT (d) QU

RRB NTPC 23.01.2021 (Shift-II) Stage-1st

Ans. (d) : The given series is as follows-



253. Find the next letter of following series-
C, D, F, I, ?

(a) O (b) P
(c) M (d) N

RRB Group-D – 17/09/2018 (Shift-I)

Ans. (a) : The series is as follows-

Hence, ? will be replaced by M.

254. Find the next letter of following series-
E, G, I, L, O, S, ... ?

(a) W (b) Y
(c) B (d) T

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (a) : The series is as follows-

Hence, ? = W

255. What will be next term of this series?
DW, FV, JU, ...

(a) HT (b) ST
(c) UT (d) GT

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (d) : The series is as follows-

Hence, ? will be replaced by GT.

256. Find the next term of given series-
MD, NE, OF, PG, ?

(a) QE (b) QH
(c) RH (d) QC

RRB Group-D – 01/09/2018 (Shift-II)

Ans : (b) The series is as follows-

Hence, ? = QH

257. Complete the series by choosing missing term from given option
AZZ, BBVVV, CCCXXXX,

(a) GGGGBBBBB (b) EEEEEEEEE
(c) DDDDWWWWW (d) BBBBB

RRB Group-D – 30/09/2018 (Shift-II)

Ans. (c) : The series is as follows-

AZZ, BBVVV, CCXXXX, DDDDWWWWW

Hence option (c) is right answer.

258. Find the next number group of following series-
DO, EP, FQ, GR, ?

(a) HS (b) IT
(c) JU (d) HV

RRB Group-D – 30/09/2018 (Shift-II)

Ans. (a) : The series is as follows-

? = HS

259. Find the next number group of following series-RT, SU, HV, ?

(a) RE (b) RG
(c) GC (d) RZ

RRB Group-D – 22/09/2018 (Shift-III)

Ans. (a) : The series is as follows-

260. What will be the next letter of following series?
B, F, J, N, R, T, ?
(a) W (b) V
(c) T (d) U

RRB Group D – 24/09/2018 (Shift-I)

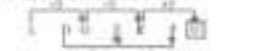
Ans : (a) The series is as follows

Hence the next letter of the series will be 'W'

261. What will be next term of this series?
L, D, (L), E, K, F, ?
(a) O (b) K
(c) Q (d) S

RRB Group D – 30/09/2018 (Shift-I)

Ans : (a) The series is as follows



Hence $\boxed{\text{O}}$

262. Which number will come in the place of question mark in following series-
V, X, P, M, T, G
(a) T (b) P
(c) L (d) I

RRB Group D – 09/10/2018 (Shift-I)

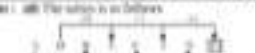
Ans. (d) : The series is as follows

Hence $\boxed{\text{I}}$

263. Find the next letter in this series-
A, D, B, E, C, F, D, ?
(a) P (b) L
(c) T (d) G

RRB Group D – 24/09/2018 (Shift-I)

Ans : (d) The series is as follows



264. Find the next letter pair in following series-
EX, FO, GP, HQ, ?
(a) IV (b) IR
(c) IU (d) IQ

RPF Constable 20.01.2019 Shift : III

Ans : (b) The series is as follows

265. Complete the following series by-
ZA, YB, _____, VE.
(a) ZC, VD (b) CW, DV
(c) CX, DW (d) XC, WD

RRB Group D – 31/10/2018 (Shift-I)

Ans : (d) The series is as follows

266. What will be the next letter of following series?
DR, HF, LJ, _____
(a) MO (b) PN
(c) NP (d) Chd

RPF SI 13.01.2019 Shift : III

Ans. (b) : The series is as follows

Hence the next term letter in the series will be PN

267. What will be the next letter of following series?
AW, EU, IS, MQ, _____ ?
(a) TV (b) QU
(c) QO (d) OS

RRB Group D – 28/11/2018 (Shift-I)

Ans : (a) The series is as follows

Hence the next letter of the series will be 'QO'

268. Find the missing term in this series-
WUT, SQP, ?, KIH, GEF
(a) LOM (b) OML
(c) MOL (d) OLH

RRB NTPC 22.04.2016 Shift : I

Ans. (b) : The series is as follows

Hence the missing term is $\boxed{\text{OML}}$

269. What are the next two letter in the series?
A B B D E E H I I ____
(a) J I (b) J J
(c) I J (d) I M

RRB NTPC 19.01.2017 Shift : II

Ans. (d) : The series is as follows

270. What will be the next letter of following series?
BDCA, FHGE, JLKI, ?
(a) MNPO (b) ONMP
(c) NPOM (d) MONP

RPF SI 12.01.2019 Shift : I

Ans. (c) : The series is as follows

271. **Which number will come in the place of question mark in following series**
DCBA, IHGF, ?, MLQP
(a) MNLK (b) MLKJ
(c) NMLK (d) NMLJ

RPF Constable 24.01.2019 Shift : I

Ans. (a) : The series is as follows

D —+1→ C —+1→ B —+1→ A
C —+8→ H —+8→ M —+8→ R
B —+G→ I —+G→ P —+G→ W
A —+F→ G —+F→ L —+F→ R

Hence, ? = NMLK

272. **Find the missing term in the series**
MRT, VUW, YXZ, ?
(a) AZB (b) BAC
(c) MRC (d) ABT

RRB NTPC 19.04.2016 Shift : III

Ans. (b) : The series is as follows

M —+V→ T —+Y→ W —+B→ Z
R —+U→ X —+X→ A —+A→ B
T —+W→ Z —+Z→ B —+B→ C

Hence, BAC is the missing term in the given series.

273. **ABCJ, CYIL, EHKN, ……**
(a) FUJO (b) HLMQ
(c) IMGM (d) GNSP

RRB NTPC 19.04.2016 Shift : I

Ans. (d) : The series is as follows

A —+2→ C —+2→ E —+2→ G
D —+5→ I —+5→ N —+5→ S
G —+8→ O —+8→ W —+8→ M
J —+11→ L —+11→ W —+11→ P

Hence, ? = GNSP

274. **Find the term ? Which is not given in the series**
TUN, QRP, ?, KLJ, HIG
(a) ONM (b) MNO
(c) NOM (d) ONO

RRB NTPC 16.01.2016 Shift : I

Ans. (a) : The series is as follows

T —+2→ U —+2→ N —+2→ K —+2→ H
U —+1→ R —+1→ O —+1→ L —+1→ I
S —+1→ P —+1→ M —+1→ J —+1→ G

Hence, ? = NOM

275. **In the following series, one term is missing as shown by the question mark (?). Select the missing term from the given options**
AD, BE, CX, DW, ?
(a) EV (b) EX
(c) EY (d) EW

RRB ALP & Tec. (16-08-18 Shift-III)

Ans. (a) : The series is as follows

A —+1→ D —+1→ B —+1→ E —+1→ C —+1→ X —+1→ D —+1→ W —+1→ E —+1→ V

Hence, the letter E will appear in the blank space in the series.

276. **Select the appropriate combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.**
_ rww _ uur _ wrum _ w
(a) wrmu (b) uwrr
(c) wrrm (d) vwrr

RRB ALP & Tec. (19-08-18 Shift-I)

Ans. (b) : The repetition pattern of letter series is as follows

gap1 wgap wwgap wwwgap wgap

Hence option (b) 'uwrr' is correct.

277. **Find the next two terms in the series.**
J, L, O, S, ?, ?
(a) Y, B (b) X, Z
(c) X, H (d) A, B

RRB ALP & Tec. (20-08-18 Shift-III)

Ans. : (a) The series is as follows

J —+2→ L —+3→ O —+4→ S —+5→ W —+6→ B

+2, +3, +4, +5, +6

278. **Select the correct option to complete the following letter series.**
EHL, FJK, GLM, HNG, ……
(a) IRN (b) RJT
(c) IPQ (d) INN

RRB ALP & Tec. (17-08-18 Shift-II)

Ans. : (a) The series is as follows

E —+3→ H —+3→ L —+3→ O —+3→ T
H —+2→ J —+2→ L —+2→ N —+2→ P
L —+1→ K —+1→ M —+1→ O —+1→ Q

279. **Find the missing term in the letter series.**
BGL, DIN, ……, HMB
(a) FKP (b) FPK
(c) EIO (d) GLQ

RRB ALP & Tec. (09-08-18 Shift-II)

Ans. (a) : The series is as follows

B —+2→ G —+2→ L —+2→ P
D —+2→ I —+2→ N —+2→ K
F —+2→ K —+2→ P —+2→ F
H —+2→ M —+2→ B —+2→ H

Hence FKP will be in the blank space.

280. **Complete the series A, D, H, M, S, (…)**
(a) V (b) Y
(c) Z (d) U

RPF Constable 24.01.2019 Shift : II

Ans. (a) The series is as follows

A —+3→ D —+4→ H —+5→ M —+6→ S —+7→ Z

Hence, the letter Z will appear in the blank space in the series.

201. Find the missing letter in following series-
JH, LI, I.....I, NP, XH

(a) DP (b) OM
(c) WU (d) GT

RRB JE - 27/05/2019 (Shift-I)

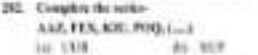
Ans : (b) The series is as follows:

202. Complete the series-
AAZ, FEX, KIU, POQ, (.....)

(a) UUR (b) SUP
(c) UXL (d) WUG

RRB JE - 27/05/2019 (Shift-I)

Ans : (a) The series is as follows:



203. Complete the series,
ABF, CDQ, EFR, (.....)

(a) GHT (b) GHS
(c) HIS (d) GHR

RPF SI 12.01.2019 Shift : II

Ans : (b) The series is as follows:

204. Select the combination of letters that when repeatedly placed in the blanks will create a repetitive pattern :
abc_bca_ac_cab_cbc

(a) cabb (b) abab
(c) abac (d) abbc

RRB NTPC 10.01.2021 (Shift-I) Stage I-0

Ans. (d) : From option (d)

abcabc/abcabc/abcabc

The sequence of this letter series is abacbc.

Type - 3

205. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?
MNN15, QRR18, UAV21, YEZ24?

(a) DHG31 (b) CEG27
(c) DGC27 (d) CIL31

RRB Group-D 17-09-2022 (Shift-I)

Ans. (b) : The given series is as follows :

206. Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
VTR, PTM, JOV, ?

(a) C11P (b) E11R
(c) D13Q (d) F15R

RRB Group-D 07-10-2022 (Shift-III)

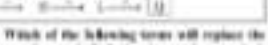
Ans. (c) : The given series is as follows :

207. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?
BGH 17, FKL 14, JOP 11, NST 8, ?

(a) QVW 5 (b) RWX 1
(c) RVW 7 (d) SWX 9

RRB Group-D 07-10-2022 (Shift-II)

Ans. (b) : The given series is as follows :



208. Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
IAZ16, QWK12, STP18, UQC14,?

(a) WMZ12 (b) WMZ12
(c) WNZ10 (d) WNY10

RRB Group-D 17-09-2022 (Shift-III)

Ans. (c) : The given series is as follows :

209. Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
FAN 15, KFN 26, PKN 35, UPC 36, ?

(a) YLS 40 (b) YSL 40
(c) YLS 35 (d) ZUR 35

RRB Group-D 27-09-2022 (Shift-III)

Ans. (d) : The given letter-cluster series is as follows

F → +8	K → +8	P → +8	U → +8	?
A → +2	C → +2	E → +2	G → +2	I
N → +6	T → +6	Z → +6	F → +6	L
12 → +20	32 → +21	53 → +30	83 → +31	114

298. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

EJ22Z, VI46H0, UJ97P, C16HX?

(a) P2SKP (b) K29SP

(c) P11PK (d) K20PP

Ans. (b) : The given series is as follows :

E → +4	M → +4	Q → +4	U → +4	K
12 → +6	18 → +6	24 → +6	30 → +6	21
Z → +4	B → +4	F → +4	J → +4	T
26 → +6	32 → +6	38 → +6	44 → +6	27

299. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

T8, N16, H32, B64, V128, ?

(a) Q256 (b) P256

(c) P128 (d) P512

RRB Group-D 30-08-2022 (Shift-III)

Ans. (b) : The given series is as follows :

1 → +2	3 → +2	5 → +2	7 → +2	9
1 → ×2	2 → ×2	4 → ×2	8 → ×2	16

Hence, 9 × 2 = 18

300. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

VM, 22, WQU 20, UOR 20, SMF 31,?

(a) QLD 34 (b) RKD 32

(c) SLE 19 (d) QKD 34

RRB Group-D 27-09-2022 (Shift-II)

Ans. (d) : The given series is as follows

V → +4	W → +4	U → +4	S → +4	U
8 → +2	6 → +2	4 → +2	2 → +2	0
L → +2	N → +2	P → +2	R → +2	D
22 → +6	28 → +6	34 → +6	40 → +6	46

Hence, ? = QKD 34

301. Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

J9 LN, J6OQ, J9RT, ? 4UXF

(a) 38 UV (b) 31 UW

(c) 34 VW (d) 34 UW

RRB Group-D 30-08-2022 (Shift-I)

Ans. (d) : The given series is as follows

1 → +2	3 → +2	5 → +2	7 → +2	9
2 → +3	5 → +3	8 → +3	11 → +3	14
3 → +2	5 → +2	7 → +2	9 → +2	11

Hence, ? = 34UW

294. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

PJC13, KEN30, FJS27, AUN34,?

(a) PEE39 (b) VF941

(c) VIF41 (d) PVS19

RRB Group-D 14-09-2022 (Shift-I)

Ans. (b) : The given series is as follows

P → +8	K → +8	F → +8	A → +8	V
J → +3	E → +3	Z → +3	U → +3	P
C → +5	X → +5	S → +5	N → +5	I
13 → +26	39 → +27	66 → +28	94 → +29	123

Hence, (?) = VPI41

295. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TGR 6, VEH 18, SCF 36, ZAD 42, RVJ 54

(a) YLB 60 (b) YJL 66

(c) DAL 99 (d) DOL 66

RRB Group-D 30-08-2022 (Shift-II)

Ans. (d) : The given series is as follows

1 → +2	3 → +2	5 → +2	7 → +2	9
1 → ×2	2 → ×2	4 → ×2	8 → ×2	16
1 → +2	3 → +2	5 → +2	7 → +2	9
1 → ×2	2 → ×2	4 → ×2	8 → ×2	16

296. Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

MON 4, QSR 16, UWV 36, YAZ 32, ?

(a) CED 29 (b) AED 24

(c) DED 29 (d) CED 28

Ans. (a) : The given series is as follows

M → +4	Q → +4	U → +4	Y → +4	C
O → +8	S → +8	W → +8	A → +8	E
N → +8	R → +8	V → +8	Z → +8	D
4 → +16	16 → +16	36 → +16	32 → +16	29

297. Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

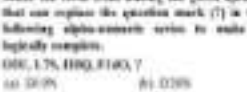
FSO 2, RHO 10, EMQ 1, V4NV,?

(a) X6TKD (b) X6TDC

(c) X7ILD (d) X7IKD

RRB Group-D 28-09-2022 (Shift-II)

Ans. (d) : The given letter-number cluster is as follows:



Hence, ? = X11K13

298. Select the term from among the given options that can replace the question mark (?) in the following alpha-numeric series to make it logically complete.

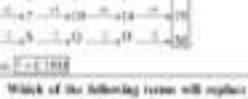
G101, L75, H102, F140, ?

(a) D109 (b) D205

(c) C195 (d) C205

RRB Group-D 28-09-2022 (Shift-I)

Ans. (b) : The given question series is as follows:



Hence, ? = C195

299. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

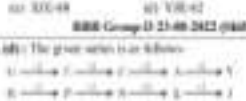
GRM-2, EPK-6, CNI-16, ALG-38, ?

(a) TIF-44 (b) VKL-42

(c) XIU-48 (d) VIR-42

RRB Group-D 23-09-2022 (Shift-II)

Ans. (d) : The given series is as follows:



Hence, ? = VIR42

300. Select the alphanumeric-cluster from among the given option that can replace the question mark (?) in the following series.

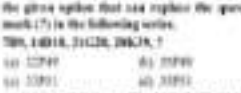
7B9, 14B18, 21C28, 28K38, ?

(a) 32F49 (b) 35F49

(c) 33F51 (d) 33F51

RRB NTPC (Stage-II) - 14/06/2022 (Shift-II)

Ans. (d) : The given series is as follows:



Hence, ? = 33F51

301. Select the alphanumeric-cluster from among the given options that can replace the question mark (?) in the following series.

1V7, 8N9, 15W11, 24V13, 35U15, ?

(a) 46N19 (b) 49T19

(c) 47S14 (d) 49T17

RRB NTPC (Stage-II) - 14/06/2022 (Shift-II)

Ans. (d) : The given series is as follows:

Hence, option (d) is correct.

302. Select the alphanumeric-cluster from among the given options that can replace the question mark (?) in the following series.

F6, H12, J18, L24, ?

(a) N12 (b) N30

(c) M12 (d) M30

RRB NTPC (Stage-II) - 14/06/2022 (Shift-II)

Ans. (b) : The given series is as follows:

Hence, option (b) is correct.

303. Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

FUR17, LAN43, HGD69, NMJ18, ?

(a) PSD63 (b) PJN63

(c) DSP61 (d) DPN61

RRB Group-D- 08/09/2022 (Shift-III)

Ans. (c) : The given series is as follows:

Hence, ? = DSP61

304. Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series?

19A, 17F, 20L, 19V, ?

(a) 21Z (b) 23Z

(c) 32T (d) 37T

RRB Group-D- 29/08/2022 (Shift-III)

Ans. (c) : The given series is as follows:

Hence, ? = 32T

Note: Next term is obtained by adding consecutive prime number.

105. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

MCI, DGJ, OI, KEIJ, GNQRL, ?

(a) MUNN (b) CUMN

(c) MUNO (d) CUMN

RRB Group-D- 26/08/2022 (Shift-II)

Ans. (b) : The given series is as follows :

106. Which of the following terms will replace the question mark (?) and complete the given alphanumeric series?

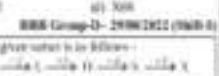
IJ, JJ, LT, OM, SSL, ?

(a) X37 (b) Y60

(c) W31 (d) X60

RRB Group-D- 29/08/2022 (Shift-I)

Ans. (a) : The given series is as follows :



Hence, ? = X37

107. Which of the following terms will replace the question mark (?) and complete the given alpha-numeric series ?

V35, T55, P80, M115, ?

(a) K170 (b) K160

(c) K150 (d) L170

RRB Group-D- 08/09/2022 (Shift-II)

Ans. (a) : The given series is as follows :

Hence, ? = K170

108. Select the term from among the given options that can replace the question mark (?) in the following series.

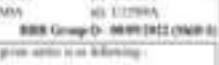
A32BE, E8K69, J9L7T, O12MBU, ?, A18D1HW

(a) U159YBA (b) U159BY

(c) P15NVA (d) U159BA

RRB Group-D- 08/09/2022 (Shift-I)

Ans. (b) : The given series is as following :



109. Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

TRIKJ2, AVB06, HFV40, OSHT16, ?

(a) UTM36 (b) VTM40

(c) VTM20 (d) VTG14

RRB Group-D- 06/10/2022 (Shift-III)

Ans. (c) : The given series is as follows :

Hence, ? = VTM20

110. Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

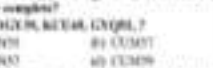
H 16, K 22, N 28, Q 34, T 40, ?

(a) V 46 (b) V 44

(c) W 44 (d) W 46

RRB Group-D- 06/09/2022 (Shift-III)

Ans. (d) : The given series is as follows :



Hence, ? = W46

111. Which of the following alpha-numeric clusters will replace the question mark (?) in the given series to make it logically complete ?

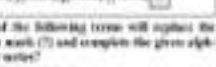
P5L, N7C, L3O, J9K, ?

(a) H2P (b) H4O

(c) H2I (d) H4I

RRB Group-D- 09/09/2022 (Shift-III)

Ans. (c) : The given series is as follows :



Hence, ? = H2I

112. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

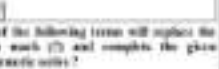
L16, M20, O24, R28, V32, ?

(a) Z 34 (b) A 34

(c) Z 36 (d) A 36

RRB Group-D- 26/08/2022 (Shift-II)

Ans. (d) : The given series is as follows :



Hence, ? = A 36

313. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TBK-4, XBO-9, HLS-16, FPP-25, ?

(a) JTB-36 (b) JTA-64

(c) JUA-36 (d) JTA-36

RRB Group-D- 26/08/2022 (Shift-III)

Ans. (d) : The given series is as follows :

Hence, ? = JTA-36

314. Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

WAN 7, PBQ 16, SCT 25, VZW 36, ?

(a) ULZ 49 (b) YMZ 43

(c) YNZ 43 (d) ZLU 36

RRB Group-D- 20/09/2022 (Shift-II)

Ans. (b) : The given series is as follows :

Hence, ? = YMZ 43

315. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

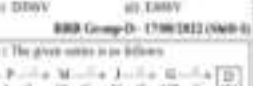
SZL, PAN, M10F, JMR, G1GT?

(a) D40V (b) D12V

(c) D30V (d) D40V

RRB Group-D- 17/08/2022 (Shift-I)

Ans. (a) : The given series is as follows :



Hence, ? = D40V

316. Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

DOG 4, UIL 13, NYQ 18, SIV 23, ?

(a) ZJD 23 (b) XIE 29

(c) XIA 28 (d) YMF 30

RRB Group-D- 28/09/2022 (Shift-III)

Ans. (a) : The given series is as follows :

Hence, ? = XIA 28

317. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

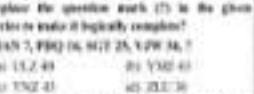
VZL15, TXJ18, RVR21, PTF24, ?

(a) LMP27 (b) DRN27

(c) NRH27 (d) RMD27

RRB Group-D- 22/09/2022 (Shift-II)

Ans. (c) : The given series is as follows :



Hence, ? = NRH27

318. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

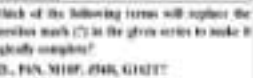
I, 16, M 26, O 24, R 28, V 32, ?

(a) Z 34 (b) A 30

(c) A 34 (d) Z 30

RRB Group-D- 26/09/2022 (Shift-II)

Ans. (b) : The given series is as follows :



Hence, ? = A 30

319. Which of the following term will replace the question mark(?) in the given series to make it logically complete?

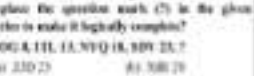
QRA19, URE20, YLI17, CPM19, ?

(a) HUQ17 (b) GEQ17

(c) GSQ19 (d) HSO19

RRB Group-D- 16/09/2022 (Shift-II)

Ans. (c) : The given series is as follows :



310. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?
AJ9T2, BMP8U, GPN9O, JRV9R, ?
(a) MVY1BU (b) MVY1BS
(c) MSV1BU (d) MTV1BS

RRB Group-D– 10/09/2022 (Shift-II)

Ans. (b) : The given series is as follows :

Hence, ? = MVY1BS

311. Select the alphanumeric clusters from among the given option that can replace the question mark (?) in the following series.
c8, u8, v8, t8k, ?
(a) v24 (b) v25
(c) t25 (d) t28

RRB NTPC 18.01.2021 (Shift-I) Stage-Ist

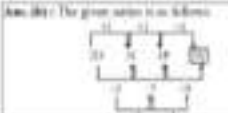
Ans. (a) : The given series is as follows :

Therefore, ? = v25

312. Select the alphanumeric clusters from among the given option that can replace the question mark (?) in the following series.
2B, 3L, 4P, ?
(a) 5Z (b) 5V
(c) 5X (d) 5W

RRB NTPC 20.01.2021 (Shift-I) Stage-Ist

Ans. (b) : The given series is as follows :



313. Select the letter that can replace the question mark (?) in the following series.
Y6, V, 63, R, 9n, O, 4V, ?
(a) L (b) M
(c) N (d) K

RRB NTPC 04.02.2021 (Shift-I) Stage-Ist

Ans. (b) : The given series will be as follows:-

Hence, ? = M

314. Select the term that will come next in the following series.
2B, 4D, 7G, 12L, 19N, 30H, 49Q, ?
(a) 68H (b) 69Z
(c) 69L (d) 67R

RRB NTPC 16.02.2021 (Shift-II) Stage-Ist

Ans. (d) :

Hence,
? = 67R

315. Select the option that can replace the question mark (?) in the following series.
25UW, W9UC, F9BB, QC11E, ?
(a) N115K (b) N11NK
(c) N12DK (d) N12NJ

RRB NTPC 16.02.2021 (Shift-II) Stage-Ist

Ans. (b) : The given series is

Hence, ? = N11NK

316. Select the alphanumeric cluster from among the given options that can replace the question mark (?) in the following series.
USA, GPC, B7E, K2NG, M4SL, ?
(a) O63K (b) O8TK
(c) M6SK (d) O2NK

RRB NTPC 26.07.2021 (Shift-I) Stage-Ist

Ans. (b) : The given series are

? = O8TK

317. Select the alphanumeric cluster from among the given option that can replace the question mark (?) in the following series.
D4C3B2A1, B8G7F6E5, L2JK1I0H9, ?
(a) P3NO1N14M13 (b) P14K13N14E13
(c) Q13P14O13N14 (d) M13NO4O13P13

RRB NTPC 04.01.2021 (Shift-II) Stage-Ist

Ans. (a) : Given series follows as

328. Select the number from among the given option that can replace the question mark (?) in the following series.

5, 8, 6, 1, ?

(a) 19 (b) 11

(c) 23 (d) 17

RRB NTPC 09.03.2021 (Shift-I) Stage Ist

Ans. (d) : The Given series is as follows:-

Hence, 7 = 12 + 5 = 17

329. Select the option that will fill in the blank and complete the given series.

A9B, B12C, C49D, D72E, _____

(a) E121F (b) D122G

(c) E147 (d) A22E

RRB NTPC 15.03.2021 (Shift-I) Stage Ist

Ans. (a) : The given series is as follows:-

330. Find the missing term in given alphanumeric series

A2B, C12D, E36E, _____, I96J

(a) G64H (b) G48H

(c) G48N (d) G64N

RRB NTPC 07.01.2021 (Shift-II) Stage Ist

Ans. (a) : Given alphanumeric series are:-

Missing term in series = G 64 H

331. Select the letter cluster that can replace the question mark (?) in the following series.

C7B18, I10K19, P12D, ?

(a) J10U21 (b) C2P15

(c) D9A11 (d) L4E12

RRB NTPC 09.01.2021 (Shift-II) Stage Ist

Ans. (a) : Given series is as follows:-

Hence, ? = J 10 U 21

332. Identify the term that does not belong to the following series.

A5, F11, K24, P91, T109, Z217

(a) T109 (b) F11

(c) Z217 (d) P91

RRB NTPC 02.02.2021 (Shift-I) Stage Ist

Ans. (a) : The given series is as follows:-

Hence, it is clear that instead of T109, it should be 110.

333. Select the alphanumeric cluster that can replace the question mark (?) in the following series.

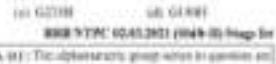
A9B, C49D, E121F, ?

(a) G139H (b) G144I

(c) G239H (d) G148I

RRB NTPC 02.03.2021 (Shift-II) Stage Ist

Ans. (c) : The alphanumeric group series in question are as follows:-



Hence, option (c) is correct.

334. Select the option that will fill in the blank and complete the given series.

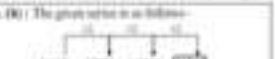
K156, J149, G193, _____

(a) F190 (b) E84Q

(c) F068 (d) E87Q

RRB NTPC 03.04.2021 (Shift-I) Stage Ist

Ans. (b) : The given series is as follows:-



Hence, ? = E84Q

335. Select the term that can replace the question mark (?) in the following series.

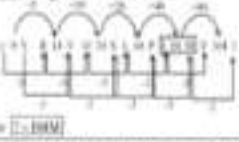
T95, B149, J114, L44F, ?, F104F

(a) J64L (b) B48M

(c) H49N (d) B45M

RRB NTPC 07.04.2021 (Shift-I) Stage Ist

Ans. (b) : The given series is as follows.



Hence, ? = BHM

336. Select the option that can replace the question mark (?) in the following series.

K 15 S 23 A ?

I1 O 19 W 1 ?

(a) $\frac{3}{5}$ (b) $\frac{3}{8}$

(c) $\frac{5}{7}$ (d) $\frac{6}{8}$

RRB NTPC 08.04.2021 (Shift-II) Stage Ist

Ans. (b) : As per question.

337. Select the term that will come next in the following series.

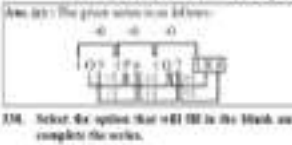
BOS, SPu, UQT, ____

(a) UR (b) MO

(c) IRA (d) RO

RRB NTPC 23.06.2021 (Shift-II) Stage Ist

Ans. (a) : The given series is as follows.



338. Select the option that will fill in the blank and complete the series.

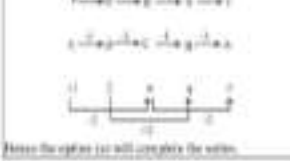
PE_{16}, QD_{15}, RC_{14}, SB_{13}, ____

(a) TA_{12} (b) TA_{11}

(c) RA_{12} (d) RA_{11}

RRB NTPC 27.01.2021 (Shift-II) Stage Ist

Ans. (a) : The given series is as follows.



Hence the option (a) will complete the series.

339. Select the option that can replace the question mark (?) in the following series.

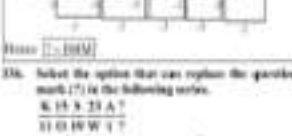
L34E, O46H, R18K, U70N, ?

(a) X82P (b) X41Q

(c) X63Q (d) X41W

RRB NTPC 03.02.2021 (Shift-II) Stage Ist

Ans. (c) : The given series is as follows.



Hence, ? = X63Q

340. Select the alphanumeric choice that can replace the question mark (?) in the following series?

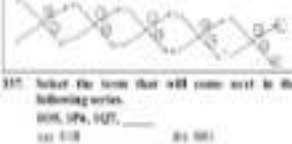
S-81, Q-64, ?, M-36, K-25

(a) M-42 (b) K-49

(c) P-40 (d) O-49

RRB NTPC 08.02.2021 (Shift-II) Stage Ist

Ans. (d) : The given series is as follows.



Hence, ? = O – 49

341. Identify the term that does NOT belong to the following series.

113, 165, 987, 12P6, 21P11

(a) 12P6 (b) 21P11

(c) 113 (d) 987

RRB NTPC 22.02.2021 (Shift-II) Stage Ist

Ans. (a) : The given series is as follows.

Hence, it is clear from the above that term '12P6' is not related to the given series.

342. What is the term that can replace the question mark (?)

717, 1439, 2W11, 3G13, 4T15, ?, 7H19

(a) 6R13 (b) 6R17

(c) 6R17 (d) 6T17

RRB NTPC 14.01.2021 (Shift-I) Stage Ist

Ans. (d) : The given series is as follows —

Hence, 6T17 will be at the place of question mark.

343. Select the term from the given options that can replace the question mark (?) in the following series.

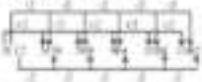
8, 12, 8,16, 700, 896, 1104, ?

(a) 1184 (b) 1102

(c) 1144 (d) 900

RRB NTPC 31.07.2021 (Shift-I) Stage 1st

Ans. (b) : The given series is as follows –



Hence, ? = 1102

344. Select the alphanumeric cluster from among the given options that can replace the question mark (?) in the following series.

M04, 6c14, 9f12, 12g10, 19h8, ?

(a) 27i6 (b) 16i6

(c) 18i4 (d) 21i4

RRB NTPC 31.07.2021 (Shift-I) Stage 1st

Ans. (b) : The given series is as follows

Hence, ? = 16i6

345. What will be the next term in following series.

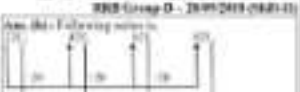
ZIC, 6JF, 62L,.....

(a) 820 (b) 821

(c) 823 (d) 825

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (b) : Following series is



Hence next term will be 821.

346. Find the next word in this series.

NAOS, PMQT, RIOS, ...

(a) TOLU (b) VOLS

(c) TOLV (d) VOLU

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (d) : Following series is

Note : Here one digit number is written in next digit

347. Which alphanumeric set follows the given series?

S-46, 7, O-49, M-36, K-25

(a) K-49 (b) Q-48

(c) Q-44 (d) V-75

RRB Group-D – 05/03/2018 (Shift-II)

Ans. (c) :

Notice : ? = Q–44

348. Find the missing term in given number.

L-169, J-196, ?, F-256

(a) F-140 (b) N-181

(c) H-225 (d) V-92

RPF Constable 18.01.2019 Shift : 1

Ans. (c) : Following series is

Question mark will be replaced by H-225.

349. Find the term that comes in the place of question mark in this series.

N-100, K-81, ?, E-49, B-36

(a) T-120 (b) U-44

(c) H-44 (d) R-44

RRB Group-D – 29/10/2018 (Shift-III)

Ans. (c) : Given number series is as following

So question mark will be replaced by H-44.

350. What will be the next term in given series of terms below?

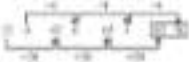
214, 428, 621, ? .....

(a) 820 (b) 820

(c) 826 (d) 829

RRB Group-D – 28/09/2018 (Shift-I)

Ans : (a) The series is as following



Hence, ? = 4154

391. What will be the next term in following series.

C3, G65, ____

(a) B2 (b) A1

(c) Z55 (d) C3

RRB Group D – 12/12/2018 (Shift-I)

Ans. (b) The series is as follows.

Because the English alphabet consists for 26 letters and the 27th letter start with A again.

Hence the next term in the series will be A1

392. Find the next word in series.

FW2625, VU2225, ____

(a) SR1919 (b) RS1919

(c) RS1918 (d) SR1918

RPF Constable 25.01.2019 Shift : III

Ans. (b) Given number series is as following

Letters are written in phase wise

393. Select the missing term in the given series.

E1, H2, K6, N24, ____

(a) Q72 (b) P120

(c) Q720 (d) Q120

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (d) : The series is as follows

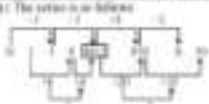
394. Watch this series : G2, J6, ?, P12, S18 so what would be appropriate to fill in the blank?

(a) M12 (b) J12

(c) N16 (d) Q18

RRB Paramedical 30.07.2019 Shift : II

Ans. (a) : The series is as follows



Hence, M12 will be on the blank space in the series

395. Select the missing term from the given series

51, 72, 101, 170, ?

(a) 219 (b) 10C

(c) 249 (d) 27E

RRB Group-D – 17/09/2018 (Shift-I)

Ans : (d) The series is as follows

Hence ? = 27E

396. Select the missing number from the given series

16, 9L, 27L, ————

(a) 93K (b) 80L

(c) 90K (d) 81L

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (a) : The series is as follows

Hence, the next term in the series will be 93K

397. What is the next term in the below series

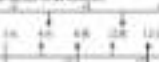
1T, 3A, 6X, 8R, 12H, 13C, ?

(a) 24U (b) 24U

(c) 24V (d) 24W

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (a) The series is as follows



Hence the next term in the series will be 24U

398. Select the missing term from the given series

A1Z, E5V, J9R, ———

(a) O6Q (b) M6M

(c) N6M (d) L1M

RPF Constable 24.01.2019 Shift : II

Ans. (b) : The series is as follows

Hence the next term and ? be M6M

399. Select the missing term from the given series.

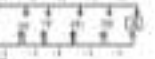
9O, 8L, 7F, 4G, 5L, ?

(a) 6W (b) 4I

(c) 8J (d) 7JC

RRB Group-D – 23/09/2018 (Shift-I)

Ans. (b) : The series is as follows

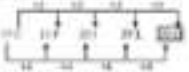


Hence ? = 4I

360. Select the missing term from the given series-
CIC, 21F, 3E, 39L, _____
(a) 58K (b) 33O
(c) 75T (d) 40U

RRB Group-D – 10/10/2018 (Shift-I)

Ans. (b) : The series is as follows

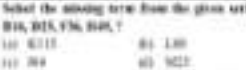


Hence 33 O will come in the blank space.

361. Select the missing term from the given series-
B16, D15, F16, H49, ?
(a) K115 (b) L49
(c) J64 (d) M23

RRB Group-D – 11/10/2018 (Shift-I)

Ans : (c) The series is as follows



Hence the next term of the series will be J 64.

362. Select the missing term from the given series-
VCI, XJn, WR, _____
(a) VLJ2 (b) UMJ2
(c) VMI2 (d) UKJ2

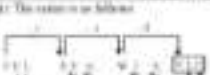
RPF SI 12.01.2019 Shift : II

Ans. (a) : The series is as follows

363. What is the next term in this series-
12AGZ, 24CKX, 36EJV, _____
(a) 48GIT (b) 40FIT
(c) 40FIV (d) 40FIS

RRB Group-D – 10/09/2018 (Shift-I)

Ans. (a) : The series is as follows



364. Find the next term of this series-
H12, SN14, ZFP16, _____
(a) JUR18 (b) JUO18
(c) MRO18 (d) MRS18

RRB Group-D – 26/09/2018 (Shift-I)

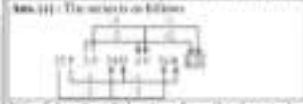
Ans : (a) The series is as follows

Hence the next term in the series will be X18 Z2

365. Select the missing term from the given series-
12P, 3Z, 18Q, 4Y, 24R, _____ ?
(a) 4S (b) 5W
(c) 6X (d) 2AX

RRB Group-D – 25/09/2018 (Shift-II)

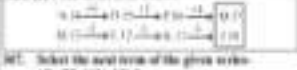
Ans. (c) : The series is as follows



366. Select the missing term from the given series-
VG8H13, G10E12, P16K15, _____
(a) QC7J10 (b) T10Q17
(c) QS4J10 (d) QU7J13

RRB Group-D – 25/09/2018 (Shift-III)

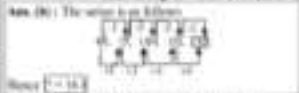
Ans. (a) : The series is as follows



367. Select the next term of the given series-
4B , 7P, 10N, 13L ?
(a) 16 X (b) 16 J
(c) 12 K (d) 15 X

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (b) : The series is as follows



Hence 7 = 16 X

368. Select the missing term from given series-
B, H, N - 49, T-26, U-31, ?
(a) P-36 (b) V-32
(c) V-24 (d) Z-26

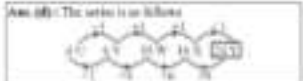
RRB Group-D – 05/10/2018 (Shift-I)

Ans : (b) The series is as follows

369. Select the missing term from given series-
4U, 6X, 10W, 16X, ?
(a) 15 B (b) 23 C
(c) 20 M (d) 24 Y

RRB Group-D – 24/09/2018 (Shift-II)

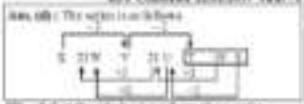
Ans. (d) : The series is as follows



370. Select the missing term from given series-
X2W, V21U, _____
(a) T18D (b) U19F
(c) R18E (d) T19S

RPF Constable 22.01.2019 Shift : I

Ans. (d) : The series is as follows



371. Select the missing term from given series-
(2C3, 24E3, 36G3, _____)
(a) 4K9 (b) 4M11
(c) 4N10 (d) 5M9

RRB Group-D – 06/12/2019 (Shift-II)

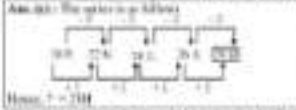
Ans. (a) : The series is as follows

Hence ? = M 19

372. Select the missing term from given series-
20P, 22V, 24L, 26J, ?
(a) 27K (b) 28R
(c) 28N (d) 28M

RRB Group-D – 12/11/2019 (Shift-II)

Ans. (b) : The series is as follows

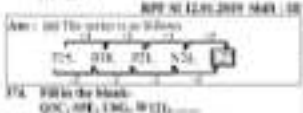


Hence ? = 28H

373. Select the missing term from given series-T15, R18, P21, N24, ?
(a) S4 (b) U18
(c) L27 (d) R27

RPF SI 12.01.2019 Shift : III

Ans. : (d) The series is as follows



374. Fill in the blank-
Q3C, 49E, 136G, W121, _____
(a) Y17K, (b) Y15K,
(c) Z15K, (d) Y13K,

RPF Constable 22.01.2019 Shift : II

Ans. (d) : The series is as follows

375. Complete the following series
C – 3, E – 5, G – 7, I – 9, _____
(a) K – 11, M – 13 (b) J – 10, K – 11
(c) J – 11, L – 13 (d) K – 11, N – 13

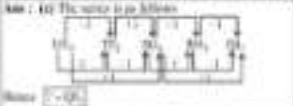
RRB NTPC 17.01.2017 Shift-III

Ans. (a) : The series is as follows

376. Select the correct option that will complete the given series :
UE$_{10}$, TF$_{9}$, SG$_{8}$, RH$_{7}$, _____
(a) QI$_{6}$ (b) QJ$_{6}$
(c) QK$_{6}$ (d) QL$_{6}$

RRB ALP & Tec. (23-08-18 Shift-I)

Ans : (c) The series is as follows

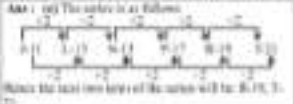


Hence : ? = QK

377. Find the next two terms in the series :
J–11, L–13, N–15, P–17, ?, ?
(a) U–3, W–5 (b) R–19, V–21
(c) R–19, T–21 (d) O–13, R–16

RRB ALP & Tec. (20-08-18 Shift-III)

Ans : (a) The series is as follows

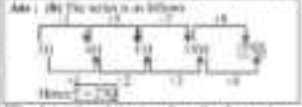


Hence the next two terms of the series will be R–19, T–21

378. Find the next terms in the series :
5G, 6H, 11J, 18M, ?
(a) 29Q (b) 27Q
(c) 27N (d) 19P

RRB ALP & Tec. (20-08-18 Shift-III)

Ans : (b) The series is as follows



Hence ? = 29Q

379. Select the missing term from the given series/
V–25, W–23, U–21, S–19, ?
(a) Q–30 (b) S–8
(c) Q–17 (d) P–16

RRB ALP & Tec. (14-08-18 Shift-II)

Ans. (c) : The series is as follows

Hence ? = Q–17

Type - 4

300. Select the option that would come next in the given series.

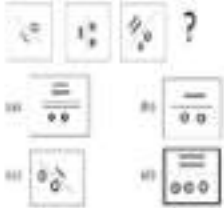
(a) (b)

(c) (d)

RRB NTPC 05.01.2021 (Shift-1) Stage 1st

Ans. (d) : Each subsequent figure in the given figure is rotating 90° clockwise. On the basis of which the next required figure will be option (d).

301. Select the pattern from among the given options that will come next in the following series.



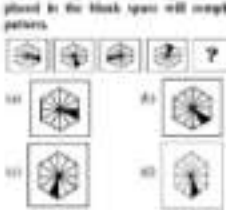
(a) (b)

(c) (d)

RRB NTPC 04.01.2021 (Shift-1) Stage 1st

Ans. (d) : Just as the second pattern can be obtained by increasing one zero to the first pattern and rotating the pattern 45° clock-wise, similarly by increasing the zero to the third pattern and rotating the pattern 45° clockwise, the upcoming pattern will be obtained.

302. Select the figure from the options that when placed in the blank space will complete the pattern.



(a) (b)

(c) (d)

RRB NTPC 05.01.2021 (Shift-2) Stage 1st

Ans. (d) : The given hexagon figures are divided into 12 parts. In these, the parts blackened from first figure to second figure, third figure and fourth figure respectively were blackened in clockwise direction at intervals of 1, 2 and 3 parts respectively. So the next figure will be the shape of option (d) which will come in place of the question mark (?).

303. Select the figure from the given options that when replaced with the question mark (?) will complete the series.

(a) (b)

(c) (d)

RRB NTPC 06.04.2021 (Shift-3) Stage 1st

Ans. (a) : In the given question figure, 90° anticlockwise from the first figure to the second figure and 180° anticlockwise from the second figure to the third figure, similarly the figure of option (a) will fit the blank.

304. Which of the following figure will replace the question mark in following.

(a) B (b) D

(c) C (d) A

RPF SI 12.01.2019 (Shift - 1)

Ans. (a) : When moving from one picture to another in the given figure series, the shapes are gradually getting displaced in each field. Thus, option (a) will be appropriate picture in place of the question mark.

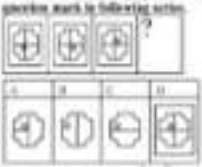
305. Which of the following option will replace the question mark in following series.

(a) B (b) A
(c) D (d) C

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (b) : In the given question figure figure will be replace A in place of question mark.
Hence option (b) is correct.

106. Which of the following option will replace the question mark in following series.



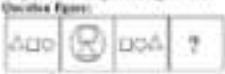
(a) A (b) B
(c) D (d) C

RPF Constable (19.01.2019 Shift - I)

Ans. (a) : The first figure in the given question figure is a mirror image of the second figure. The pattern of the third figure is present in the figure D.
Hence option (a) is correct.

107. Select that answer figure which will come in the place of '?' in question figure series

Question Figure:



Answer figure:

(a) A (b) C
(c) D (d) B

RRB Group-D – 03/10/2018 (Shift-II)

Ans. (b) : According to the given information a combination will be formed in the answer figure.

Hence, the figure C will be replaced by ?

108. Select the right option that come in the place of question mark.

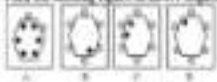
(a) (b)
(c) (d)

RRB Group-D – 08/10/2018 (Shift-II)

Ans. (d) : From the given alternative the shape of option (d) will replace the question mark.

109.

Find the missing figure in above sequence



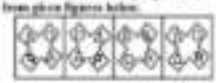
(a) D (b) B
(c) A (d) C

RRB Group-D – 08/10/2018 (Shift-II)

Ans. (a) : Answer sequence D will complete the question sequence. Hence, option (a) is true.

110.

Which of the following figure fits in blanks from given figures below.



(a) B (b) A
(c) D (d) C

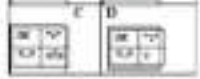
RPF SI (18.01.2019 Shift - I)

Ans. (d) : In the given figure series the next figure will be obtained required by rotating the preceding figure 90° clock wise. Hence, figure C will be fit in the sequence.

111. Select the option figure which will complete the question figure series.

Question figure

Option figure:



(a) D (b) C
(c) A (d) B

RRB Group-D – 29/10/2018 (Shift-III)

Ans. (a) : Just as the first figure is related to the third figure. Same as the second figure is related to figure D. Hence, answer figure D will be in the place of ?

192. Select the can option that replace the question mark in given figure.

(a) A (b) B
(c) D (d) C

RRB Group-D – 23/09/2018 (Shift-I)

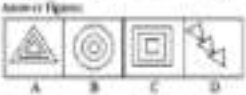
Ans. (a) : The question is on the shape that each picture has three lines. Hence figure A will replace the question mark because everyone else has more than three lines.

193. Find the next figure for given sequence

Question Figure:

A B C D

Answer Figure:



A B C D

(a) C (b) D
(c) A (d) B

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (a) : The second field contains both small circles inside the first big circle. Similarly, in the fourth field, two small & are replaced inside the big &. Hence, answer figure A will be in the place of ?

194. Select the figure that completes the given series

Question Figure:

Answer Figure:

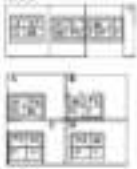
A B C D

(a) D (b) B
(c) C (d) A

RPF Constable 20.01.2019 Shift : II

Ans. (d) : Just as the square was formed by adding the first shape, similarly the circle will be formed by adding the third shape. Hence option (c) is correct.

195. Select the next option will come in following series.



(a) C (b) A
(c) B (d) D

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (a) : The next figure of the series will be second figure C.

196.

Find the missing word in above sequence.

A B C D

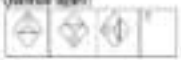
(a) A (b) C
(c) B (d) D

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (d) : In the given sequence the figure are related in a clockwise direction in a certain order to obtain the next shape, hence the missing figure is described in D.

197. Which figure will be next from question figure series.

Question Figure:



Option Figure:

A B C D

(a) D (b) C
(c) A (d) B

RPF SI 11.01.2019 Shift : I

Ans. (c) : The first figure in the question figure is rotated 180°. Same as the third figure will also be rotated 180°, so get the alternative figure A.

198.

Find the absent figure in above sequence

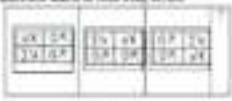
A B C D

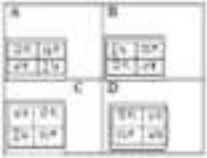
(a) A (b) D
(c) B (d) C

RRB Group-D – 09/10/2018 (Shift-I)

Ans. (d) : The series will have a absent figure (c).

399. **Which of the following figure will replace the question mark in following series.**





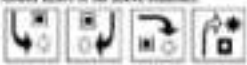
(a) C (b) A
(c) D (d) B

RRB Group-D – 10/10/2018 (Shift-I)

Ans. (b) : It is clear from the question figure that the shapes are being replace 90° Clockwise, so option (b) is Figure A will be the correct answer figure.

400.

Mirror Image of the above examples

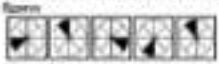


(a) A (b) D
(c) C (d) B

RPF Constable 20.01.2019 Shift : III

Ans. (d) : Instead of mirror picture there will be picture B. Hence option (d) is true.

401. **Select the correct figure from answer figures which will be next in the order of the five given figures**



Answer Figures:

(a) D (b) A
(c) C (d) B

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (d) : Like the shaded part of the first figure having one box and reaching the outer box and making a second figure. Moving beyond the fifth figure to the same sequence, figure B will be required.

402. **Identify the pattern which is Follow the next.**

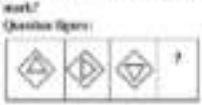
(a) B (b) A
(c) C (d) D

RRB Group-D – 30/10/2018 (Shift-III)

Ans. (d) : In the given option picture D follows the pattern.

403. **Which answer figure will replace the question mark?**

Question figure:



Answer figure:

(a) D (b) C
(c) B (d) A

RRB Group-D – 06/12/2018 (Shift-II)

Ans. (a) : The triangle formed in the question picture is rotating 90° clockwise. Hence the answer figure will be figure D.

404. **Select the can option that replace the question mark in given figure.**

Question Figure

Answer figure

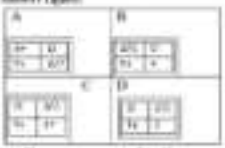
(a) 2 (b) 3
(c) 1 (d) 4

RRB Group-D – 06/12/2018 (Shift-III)

Ans. (c) : In the given question figure, one line is increasing in each next section and rotating 90° clockwise, so answer figure 1 will be in place of question mark.

405. Which answer figure will replace the question mark?

Answer figures:

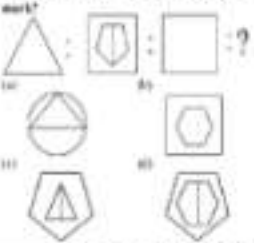


(a) D (b) C
(c) B (d) A

RPF Constable 22.01.2019 Shift – I

Ans. (b) : Answer figure C will replace the question mark, as the next figure is formed by rotating the elements and displacing the (+) sign twice.

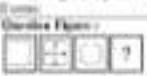
406. Which option will come in the place of question mark?



RRB Group-D – 26/11/2018 (Shift-III)

Ans. (d) : The number of outer figure arms in the given series is increasing. So, in place of question mark, option (d) will come.

407. Question Figure :



Select the correct figure from given figure below which is appropriate for blank space in above question figure.

Answer figures:

(a) C (b) B
(c) D (d) A

RRB Group-D – 15/11/2018 (Shift-II)

Ans. (d) : Answer figure A is appropriate for the space in the given question figure series. Hence option (d) is correct.

408.

Select the correct figure that fit appropriately in blank space in above series.

A B C D

(a) C (b) A
(c) B (d) D

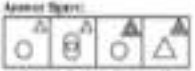
RRB Group-D – 05/11/2018 (Shift-II)

Ans. (d) : In the given series, option (d) will be the correct answer.

409. Which figure will come in the place of (?) in given series.

Question figure:

Answer figure:



A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 05/11/2018 (Shift-III)

Ans. (b) : The single figure is further combine into the picture. So figure B will be appropriate to replace of the question mark.

410. Which figure will come in the place of (?) in given series.

(a) (b)

(c) (d)

RRB Group-D – 02/11/2018 (Shift-I)

Ans. (a) : In the given figure (a) will be found on the blank space.

411. **Which figure can next?**

A B C D

(a) C (b) B
(c) D (d) A

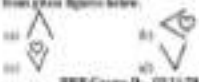
RRB Group-D – 02/11/2018 (Shift-I)

Ans. (d) : The next figure in the given figure will be answer figure D.

412.

A B C D

Select the appropriate figure for blank space from given figures below.



(a) (b)
(c) (d)

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (a) : In the given picture the option (a) will be correct in place of the blank (?).

413. **Select the appropriate figure for blank space from given figures below.**

Answer Figures:

A B C D

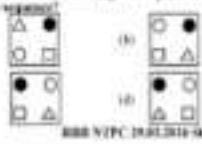
(a) C (b) D
(c) B (d) A

RRB Group-D – 02/11/2018 (Shift-III)

Ans. (a) : In the given figure, first an a circle is formed in place of a sphere and a circle in place of a square similarly after changing the pattern of the 3 triangles and the rings the answer will be B.

414. **Look carefully at the sequence of symbols to find the pattern.**

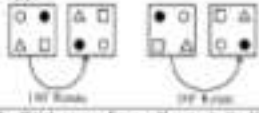
Which of the following will replace the (?) in the sequence?



(a) (b)
(c) (d)

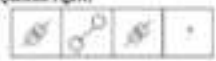
RRB NTPC 19.01.2016 Shift - III

Ans. (c) :

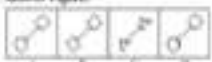


415. Which answer figure will come in the blank space in question figure series from given figures.

Question Figures:



Answer Figures:



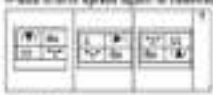
A B C D

(a) B (b) C
(c) D (d) A

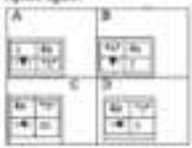
RRB Group-D – 17/09/2018 (Shift-I)

Ans. (a) : Two circles are overlapping each other and a line connects them and later the circle is on both sides of that line. Similarly the two squares overlap each other and a line connects them. Similarly both the squares will be on both sides of that line which is contained in figure B.

416. **Which is next option figure of following series?**



Option Figures:



(a) B (b) C
(c) A (d) D

RPF SI 11.01.2019 Shift - I

Ans. (d) : The triangle from the first shape to the second is moving 90°and clockwise and is moving from one field to another and is decreasing one + by two shapes of + . Similarly the same process will take place in the next fourth figure. Hence the answer will be figure D.

417. Which figure will replace the question mark (?) in following series.

Question Figure:

Answer Figure:

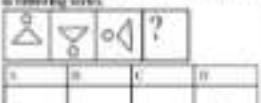
(a) D (b) B
(c) C (d) A

RPF Constable 22.01.2019 Shift : II

Ans. (d) : On applying question figure

So figure A will come. Hence option (d) is correct.

418. Select the option that replace question mark (?) in following series.



(a) B (b) A
(c) D (d) C

RRB Group-D – 24/09/2019 (Shift-I)

Ans. (b) : Rotating the first figure 180° (right or left) in the given series we get the second figure. Similarly by rotating the third figure 180° (right or left) the next (Fourth figure will be obtained or the figure 'B' will come in place of ?. Hence (b) is correct option.

419. Select the next figure for given series:

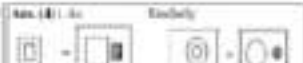
Question Figure:

Answer Figure :

(a) C (b) A
(c) B (d) D

RPF Constable 22.01.2019 Shift : III

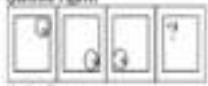
Ans. (d) : As Similarly



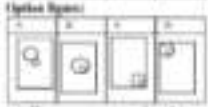
Hence option (d) is correct.

420. Select the option figure which will complete the series of question figure:

Question Figure:



Option figure:



(a) B (b) A
(c) C (d) D

RRB Group-D – 30/10/2018 (Shift-I)

Ans. (a) : In the given question figure, the pattern moves in the clockwise direction. Hence option figure (a) will be found in place of the question mark.

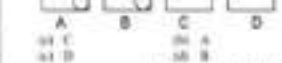
421. Select right figure in given series of four figures:

(a) C (b) A
(c) D (d) B

RPF SI (11.01.2019 Shift : I)

Ans. (a) : The circle is moving clockwise and the square is moving and clockwise thus the figure (c) is obtained when moving in the series.

422. Select the next figure in following series from option figures:



(a) C (b) A
(c) B (d) D

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (d) : In the given series, the figure of (▲) is rotating 90° clockwise while the figure of ⁺ is rotating 180° clockwise. Thus, the next figure of the series (d) will be obtained.

423. **Which next answer figure will come in the given question figure series:**

Question Figure:

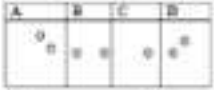
Answer Figure:

(a) D (b) B
(c) A (d) C

RPF SI 11.01.2019 Shift : III

Ans. (b) : In the given series, answer figure B will replace the question mark.

424. **Which figure will replace the question mark (?) in following series:**

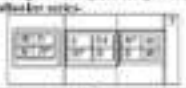


(a) A (b) B
(c) D (d) C

RRB Group-D – 24/09/2018 (Shift-I)

Ans. (a) : In the given series, figure is coming in a certain order in the clockwise . Hence answer figure D is correct.

425. **Which figure will replace the question mark (?) in following series:**



(a) C (b) B
(c) D (d) A

RRB Group-D – 24/09/2018 (Shift-I)

Ans. : (a) In the given series, the third figure is formed by converting the (diagonal) sign in front of the first figure. So by changing the position of the diagonal sign in front of the second figure in the same way, Figure-D will be obtained.

426. **Study the pattern in the picture below and decide which option will be suitable instead of?**

(a) D (b) B
(c) A (d) C

RPF Constable 20.01.2019 Shift : I

Ans. (a) Just as the first figure rotates 90° clockwise the figure goes second. Similarly by the third figure will get answer figure D, since it rotates 90° clockwise. Hence the option (a) is true.

427. **Select the option figure which will complete the series of question figures:-**

Question Figure:

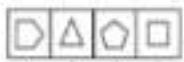
Answer Figure:

(a) C (b) D
(c) B (d) A

RRB Group-D – 26/09/2018 (Shift-II)

Ans. (d) : The given figure rotate in 90° Anti clockwise direction in a certain order. Thus, figure A will be fixed in place of the question mark.

428. **Select the option which can replace the question mark in the given figure:**



(a) B (b) A
(c) D (d) C

RRB Group-D – 26/09/2018 (Shift-III)

Ans. (c) : All the shape in the question figure are made up of 4 lines, So figure D will be the correct answer.

429. What will happen in place of question mark '?' in the given series below?

A	B	C	D
Ω ⊕ >	⊕ > Ω	⊕ Ω >	⊕ < Ω

(a) B (b) D
(c) C (d) A

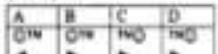
RPF Constable 28.01.2019 Shift – II

Ans. (a) In the given series, Figure C will be in place of question mark.

430. Select the option figure which will complete the series of question figures.

Question Figure:

Option Figure:



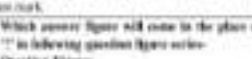
(a) C (b) A
(c) D (d) B

RRB Group-D – 28/09/2018 (Shift-I)

Ans. (a) The figure (C) will come in place of the question mark.

431. Which answer figure will come in the place of '?' in following question figure series-

Question Figure:



Answer Figure:

A B C D

(a) D (b) A
(c) C (d) B

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (b) : Just as the inner figure in the first figure is outside of the second figure same as the third figure inside will be outside the fourth figure. Hence, the Figure A will come in place of question mark.

432. Find the next figure of given series-

Question Figure:

Answer Figure:

A B C D

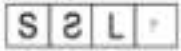
(a) D (b) B
(c) A (d) C

RPF SI 10.01.2019 Shift – I

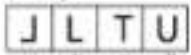
Ans. (b) : The second figure in the question is a mirror image of the first figure, similarly the fourth figure will be a mirror image of the third figure. Hence, option (b) is true.

433. What is next figure in given series?

Question Figure:



Answer Figure:



A B C D

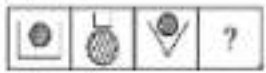
(a) B (b) B
(c) C (d) A

RRB Group-D – 30/09/2018 (Shift-II)

Ans. (d) : The second Figure in the question figure is a mirror image of the first figure. Similarly, mirror image of third figure will be in answer figure A. Hence option (d) is correct.

434. Select that figure which will complete given series-

Question figure:



Answer figure:

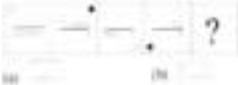
A B C D

(a) C (b) D
(c) B (d) A

RRB Group-D – 22/10/2018 (Shift-II)

Ans. (a) : It is clear from the above figure that answer figure B will complete the pattern of question figure. Hence option (C) is correct.

435. Which will be next figure in following pattern?



(a) (b)
(c) (d)

RPF Constable 20.01.2019 (Shift - III)

Ans. (b) : In the above figure series, the question mark will be replaced by option (b).

436. Which figure will come in the place of (?) in given series:

(a) C (b) B
(c) D (d) A

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (a) : In the given series, the figure is formed by changing the position of the diagonal signs in form of the first figure. So in the same way, the figure D is obtained when the diagonal signs of the second figure change.

437. Which figure will come in the place of (?) in given series.

Question Figure:

Answer Figure:

A B C D

(a) D (b) A
(c) C (d) B

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (d) : The number of signs (+) of addition in each figure from left to right in the series of given figure is increasing in the clockwise direction (0,1,2, ?, etc.). Hence, answer figure D will come in place of question mark (?) in the given series.

438. Select option for complete the series-

(a) (b)
(c) (d)

RRB Group-D – 27/11/2018 (Shift-III)

Ans. (b) The second figure is being acquired from the first figure. Same as the figure of option (b) will be acquired from the third figure.

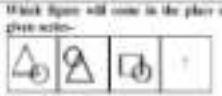
439. Select next figure in given series from option-

(a) (b)
(c) (d)

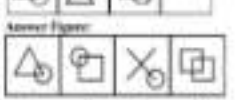
RPF SI 18.01.2019 (Shift - I)

Ans. (d) : In the given series, every letter has its own mirror image. Hence, in the place of '?' will be option d.

440. Which figure will come in the place of (?) in given series-



Answer Figure:



A B C D

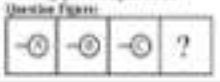
(a) A (b) B
(c) C (d) D

RRB Group-D – 26/11/2018 (Shift-II)

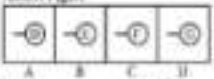
Ans. (b) : In the given series so the first figure is related to the second figure same as the third figure will be related to the answer figure of option (b).

441. What will be the next answer figure in the following question figure series.

Question Figure:



Answer Figure:



A B C D

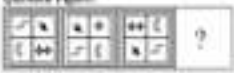
(a) C (b) B
(c) D (d) A

RRB Group-D – 25/10/2018 (Shift-I)

Ans. (d) : In the given series letters are being used in alphabetical order inside the circle. So the answer figure A will come in place of question mark.

442. Select the option figure which will complete the series of question figures:

Question Figure:



Answer Figure:

A B C D

(a) C (b) B
(c) D (d) A

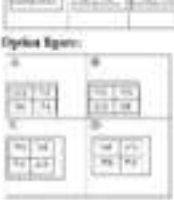
RRB Group-D – 26/10/2018 (Shift-I)

Ans. (a) : Answer figure D in the given series will be appropriate figure in place of question mark.

443. Select the option figure which will complete the series of question figures:

Question Figure:

Option Figure:



(a) B (b) A
(c) D (d) C

RRB Group-D – 25/10/2018 (Shift-II)

Ans. (d) : In the given question figure another figure is obtained by moving dots first figure sign '90' clockwise. Hence the third figure sign rotating '90' clockwise will get answer figure C.

444. Which answer figure will be same in the place of '?' in question figure series so that series is completed ?

Question figure:

Answer Figure:

A B C D

(a) C (b) B
(c) A (d) D

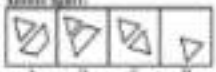
RPF SI 18.01.2019 Shift : II

Ans. (d) : In the given series, end of the two shape given in the first figure, the latter shape in the second figure is included in the first figure, same as answer D will be obtained from the third figure. So option (d) will be the answer to the question.

445. What will be next figure in following series:

Question Figure:

Answer Figure:



A B C D

(a) A (b) B
(c) C (d) D

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (b) : The first shape is obtained by dividing the first figure in two parts on the line drawn on its center similarly by dividing it on the line drawn in the middle of third figure the answer figure B is obtained.

446. Select the option figure which will complete the series of question figures:

Question Figure:

Option Figure:

(a) C (b) D
(c) B (d) A

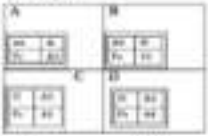
RRB Group-D – 23/10/2018 (Shift-I)

Ans. (d) : The circle on the star in the question figure is moving one by one place respectively order. Hence the next option in this sequence will be figure A.

447. Select the option figure which will complete the series of question figures:

Question figure:

Option figure:



(a) B (b) D
(c) A (d) C

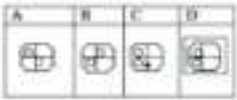
RRB Group-D – 23/10/2018 (Shift-I)

Ans. (d) : The symbols displayed in each given are moved one by one in the field in the forward direction, the next figure being acquired. Hence, ? is replaced by answer figure C.

448. Select from option figure to complete the series of question figures.

Question figure:

Option figure:

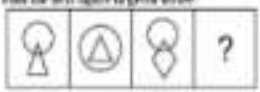


(a) C (b) A
(c) D (d) B

RPF SI 06.01.2019 Shift : I

Ans. (a) : It is clear from the picture that option figure D can complete the series because the question are moving in an anti clockwise direction one by one in the order of the circle formed in the figure.

449. Find the next figure to given series:



(a)

(b)

(c)

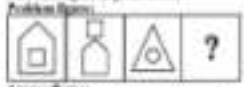
(d)

RPF Constable 19.01.2019 Shift : II

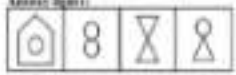
Ans. (b) : Just as the triangle formed in the first picture is placed inside the circle in the second picture, same as the quadrilateral in the third picture will be inside the circle in the fourth picture. Hence, option (b) is correct.

450. Find next figure in given series:

Problem figure:



Answer figure:



A B C D

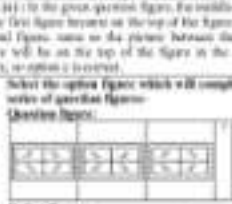
(a) C (b) B
(c) D (d) A

RRB Group-D – 15/10/2018 (Shift-II)

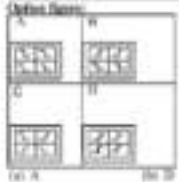
Ans. (a) : In the given question figure, the middle figure in the first figure became on the top of the figure in the second figure, same as the picture between the third figure will be on the top of the figure in the fourth figure, so option c is correct.

451. Select the option figure which will complete the series of question figures:

Question figure:



Option figure:

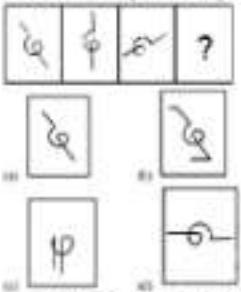


(a) A (b) D
(c) C (d) B

RPF SI 06.01.2019 Shift : II

Ans. (c) : The given series of question figure will be completed by present figure C.

452. What will be the next figure in following series?

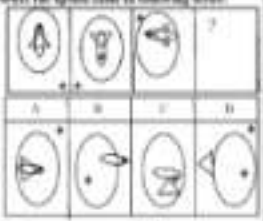


(a) (b) (c) (d)

RRB Group-D – 15/10/2018 (Shift-II)

Ans. (d) :The next figure in the given series is described in option (d).

453. Select the option same in following series:

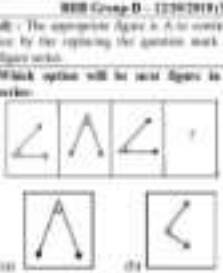


(a) C (b) B
(c) D (d) A

RRB Group-D – 12/10/2018 (Shift-I)

Ans. (d) : The appropriate figure is A to continue the sequence by the replacing the question mark in the given figure series.

454. Which option will be next figure in above series:



(a) (b)

(c) (d)

RRB Group-D – 12/10/2018 (Shift-I)

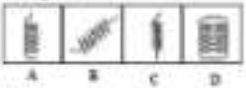
Ans. (a) : Just as the first figure is rotating 90° clockwise to form the second figure, same as option figure (a) will be acquired from the third figure.

455. What will be the next figure in following series?

Question figure:

A B C D

Answer figure:



A B C D

(a) C (b) A
(c) B (d) D

RPF Constable 19.01.2019 (Shift - II)

Ans. (c) :The way the first shape changes and becomes the second shape. Same as third shape will be changed to get figure D

456.

Select the correct figure from given options that replace question mark in above series from one of the given figures below.

A B C D

(a) B (b) C
(c) A (d) D

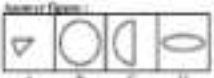
RRB Group-D – 12/10/2018 (Shift-II)

Ans. (d) : Just as the first figure has an arc and square. The second shape was made using a circle made of arc by shading the square. Similarly, we will make figure D using the pictures given in the third figure.

457. Select the option figure which will complete the series of question figures.

Question figure:

Answer Figures :



A B C D

(a) D (b) B
(c) A (d) C

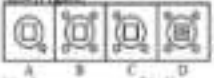
RPF SI 06.01.2019 Shift : III

Ans. (c) : Just as half of the five pieces of the question figure series is shown in the second picture. Similarly, half of the third figure is shown in answer figure A, which will replace the question mark. Hence option (c) is correct.

458. Which figure will come in the place of (?) in given series-

Question Figure:

Answer Figures:



A B C D

(a) A (b) C
(c) D (d) B

BSSB Group-D – 12.10.2018 (Shift-I)

Ans. (d) : The number of small circles in the given question figure is increasing one by one in the next figure respectively, so answer figure B will replace the question mark.

459. Select the option figure which will complete the series of question figures-

Question Figure:

Option Figure:

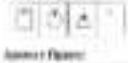
(a) A (b) C
(c) D (d) B

BSSB Group-D – 11.10.2018 (Shift-I)

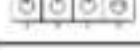
Ans. (a) : Answer figure A will complete to given question figure series.

460. Select the next figure in given question series from answer figure series.

Question Figure:



Answer Figure:

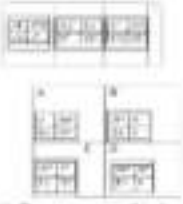


(a) C (b) A
(c) D (d) B

BSSB Group-D – 11.10.2018 (Shift-I)

Ans. (d) : Answer figure B will complete the given figure series from the answer figures.

461. Which figure will replace the question mark (?) in following series-



(a) D (b) A
(c) B (d) C

BSSB Group-D – 11.10.2018 (Shift-I)

Ans. (d) : Figure C will replace the question mark in the given option figures.

462. Which option will be next figure in the following series of question figure-

Question Figure:

Option Figure:

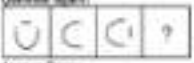
(a) D (b) C
(c) A (d) B

RPF Constable 19.01.2019 Shift : I

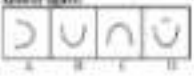
Ans. (a) : Figure D will be next figure of the given series. Hence, option (a) is correct.

463. Select the option from following answer figure that will come in the place of question mark in question figure series :

Question Figure:



Answer Figure:



A B C D

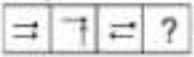
(a) A (b) C
(c) B (d) D

RRB Group-D – 08/10/2018 (Shift-II)

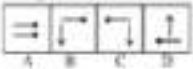
Ans. (b) : Just as the first figure rotates 90° clockwise to the third figure, similarly the second figure rotates 90° clockwise to the fourth figure and the answer will be obtained like figure C. Hence option (b) is correct.

464. Select the figure which will complete the series:

Question figure:



Answer figure:

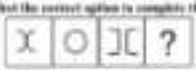


(a) D (b) A
(c) C (d) B

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (d) Figure B will complete the given series. Just as the first figure is related to the third figure, similarly the second figure will be related to the answer figure B.

465. Select the correct option to complete the series.



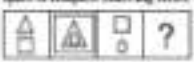
(a) (b)

(c) (d)

RPF Constable 18.01.2019 Shift : II

Ans. (d) Just as the two images (open circles) of the first picture can be combined to form the second picture (circles overlap), the picture (square) of option (d) can be made by combining both the shapes of the first picture.

466. Select appropriate figure that fill in the banks space to complete following series.



A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (b) In the given series , answer figure (b) will fitted in the figure. Hence, option (b) is correct.

467. Select the appropriate option that will complete the given series.

Question figure:

Question figure:

A B C D

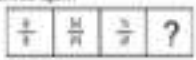
(a) A (b) C
(c) B (d) D

RRB Group-D – 04/10/2018 (Shift-I)

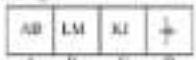
Ans. (c) Answer figure B will come in place of question mark because the middle figure in the second figure is one to two in comparison to the first figure, half is placed out word and half is word on the circumference of the large figure.

468. Find the next figure for given series

Question figure:



Answer figure



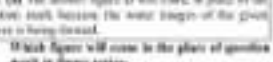
A B C D

(a) D (b) A
(c) B (d) C

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (a) The answer figure D will come in place of the question mark because the water images of the given figures is being formed.

469. Which figure will come in the place of question mark in figure series:



A B C D

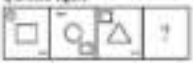
(a) C (b) B
(c) D (d) A

RRB Group-D – 01/10/2018 (Shift-I)

Ans. (d) : Answer figure A will be next figure in the picture series. So option (d) is correct.

470. Select the next figure of following question figure series from answer figures-

Question Figure



Answer Figure

(a) B (b) C
(c) D (d) A

RPF SI 05.02.2019 Shift - I

Ans. (a) : Answer figure B will complete to the question series. Hence, option (a) is correct.

471. Which figure will appropriate in the place of question mark (?) in following figure series?

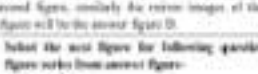
(a) A (b) D
(c) B (d) C

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (b) : Just as the mirror images of the first figure is the second figure, similarly the mirror images of the third figure will be the answer figure D.

472. Select the next figure for following question figure series from answer figures-

Question Figure



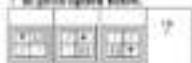
Answer Figure

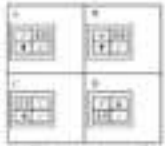
(a) C (b) A
(c) B (d) D

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (b) : Answer figure A will come in place of question mark. Hence, option (b) is correct.

473. Which option will appropriate in the place of '?' in given option below.





(a) C (b) A
(c) B (d) D

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (a) : In the given series, the symbol are gradually increasing in clock-wise direction. Hence, the next figure will be answer figure C.

474. Study the pattern of figures given below and decided which figure will be next?

(a) D (b) B
(c) A (d) C

RRB Group-D – 09/09/2018 (Shift-I)

Ans. (d) : Answer figure C will come in place of question mark. So option (d) is correct.

475. Which answer figure will replace the question mark (?) in series of following question figure?

Question Figure

Answer Figure:

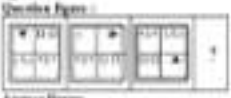
(a) A (b) D
(c) C (d) B

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (a) : The star inside the square is rotating clockwise. Hence, next position will be figure A.

476. Which answer figure will replace the question mark (?) in the series of following question figure ?

Question Figure :



Answer Figure:

RRB Group-D – 18/09/2018 (Shift-II)

Ans. (d) : The new figure D will be found in the question figure series.

477. Select the option that would come next in the following figure series.

A B C D

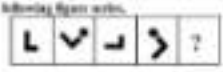
(a) A (b) C

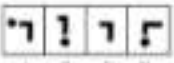
(c) D (d) B

RPF SI 08.01.2019 Shift : III

Ans. (b) : In the given question pictures white/black, white/black picture is respectively from left to right, white is they rotate in a 45° clockwise direction. Note in the sequence of question pictures, the last picture is black, and now the next picture will be white, and will rotate 45° clockwise compared to the last picture. Such an answer is shown in figure 'C'.

478. Select the option that will come next in the following figure series.





A B C D

(a) A (b) D

(c) B (d) C

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (d) : Answer figure C will come at the place of question mark because figure is rotating clockwise. Hence option 'd' is correct.

479. Select the option that will correctly fit in the blank space in the given figure series.

(a) (b)

(c) (d)

RRB ALP & Tec. (30-08-18 Shift-I)

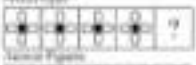
Ans. (b) : The number of pictures in each box in the series of picture given in the question will be as follows:

4 4 4 3 3 3 2 2 2 1 1 1

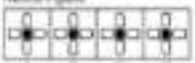
Hence, option (b) will be in the blank picture place.

480. Select answer figure that replace the ? mark in question figure-

Question Figure



Answer Figures



A B C D

(a) A (b) B

(c) C (d) D

RPF Constable 10.01.2019 Shift : III

Ans. (a) : In the given figure series , figure A will be at the place of question mark.

481. Choose the correct figure which will replace the question mark.

Problem Figure

A B C D

Answer Figures

1 2 3 4

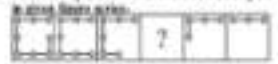
(a) 4 (b) 1

(c) 3 (d) 2

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (c) : The given figure completes figure A has 1 sign in the middle, B shape has 2 sign, similarly C figure has no 0 sign, D shape should have a + sign in the middle and the side pole should be attached to the corner mentioned in figure 3.

482. Select the option that will come in blank space in given figure series.



(a) (b) (c) (d)

RRB ALP & Tec. (17-08-18 Shift-I)

Ans. (b) : Each of the given figure series is lacking (6). So in the place of '?', option (b) will be the correct answer.

403. Choose the correct figure that can replace the question mark.

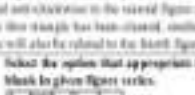
1 2 3 4

(a) 2 (b) 1
(c) 4 (d) 3

RRB ALP & Tec. (17-08-18 Shift-III)

Ans : (d) In the place of question mark, there will be a given figure in 4 because just as the first figure is rotated anti-clockwise in the second figure and the order of the first triangle has been changed, similarly, the third figure will also be related to the fourth figure.

404. Select the option that appropriate fit fill in the blank in given figure series.

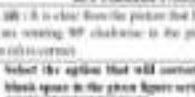


(a) (b)
(c) (d)

RPF Constable 17.01.2019 Shift : I

Ans. (d) : It is clear from the picture that fan and point both are rotating 90° clockwise in the picture. Hence option (d) is correct.

405. Select the option that will correctly fit in the blank space in the given figure series.

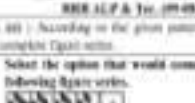


(a) (b)
(c) (d)

RRB ALP & Tec. (09-08-18 Shift-I)

Ans. (d) : According to the given pattern option (c) will complete figure series.

406. Select the option that would come next in the following figure series.



A B C D

(a) C (b) B
(c) D (d) A

RRB ALP & Tec. (09-08-18 Shift-II)

Ans. (a) : The next figure of the given series will be reverse figure 1.

Type - 5

407. Select the alphanumeric cluster from among the given options that can replace the question mark (?) in the following series.

D2E8F, G9H3I, J4KPL, ?, P6QSR, S9T7U

(a) M6A9T (b) M9M3T
(c) M7N6P (d) M4H7N

RRB NTPC (Stage-II)—16/09/2022 (Shift-II)

Ans. (b) :

Hence, ? = M9M3T

408. Using the sequence YWVRPONIFEJCBTIAFAJ Find the missing term from the following series.

YP, _____, SS, LD

(a) PN (b) OI
(c) NT (d) OT

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (b) :

YP OI SS LD

Hence option (b) is correct option.

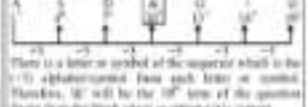
409. Using the sequence ABCS=#DEF&=%2022*@, fill in the blank given in the following expression.

A % D _____ G%@

(a) & (b) *
(c) = (d) #

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (a) : In given question series,



There is a letter or symbol of the sequence which is the (+5) alphabet/symbol from each letter or symbol. Therefore, '&' will be the 10th term of the question figure from the blank space so option (a) is correct.

410. ABCS = #DEF& = %2022*@,

Find the missing term using the above sequence:

A B C / @ * 2 / ($ # E (_____

(a) 7H! (b) HI!
(c) 3H((d) 7H*

RRB ALP & Tec. (09-08-18 Shift-I)

Ans. (d) :

ABCS = #DEF& = %2022*@
1 2 3 4 5 6 7 8 9 10 11 12 13

Hence, $ # E = 7 H *

05.
Missing Number/Letter/Term/Figure

Type - I

1. **Select the number from among the given options that can replace the question mark (?) in the following table.**

9	4	3
4	5	4
5	6	9
306	245	?

(a) 144 (b) 200
(c) 209 (d) 288

RRB NTPC 28.12.2020 (Shift-1) Stage Ist

Ans. (a) : Given that :
From Column I,
$(5)^2 + (6)^2 + (9)^2 = 5 + 36 + 243$
$= 284$
Again, from Column II,
$(4)^2 + (5)^2 + (4)^2 = 4 + 25 + 216$
$= 245$
Same as,
From Column III,
$(5)^2 + (6)^2 + (9)^2 = 5 + 36 + 225$
$= \boxed{144}$

2. **Select the number from among the given options that can replace the question mark (?) in the following table.**

28	63	96
8	18	7
6	9	13

(a) 69 (b) 40
(c) 70 (d) 75

RRB NTPC 28.12.2020 (Shift-1) Stage Ist

Ans. (d) : Given that :
From Column I,
$28 + 8 + 36 = (6)^2$
Again, from Column II,
$63 + 18 = 81 = (9)^2$
Same as,
From Column III,
$96 + 7 = (13)^2$
$96 + 7 = 169$
$7 = 169 - 96$
$7 = 73$

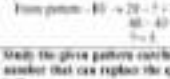
3. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

(a) 17 (b) 7
(c) 6 (d) 5

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (b) : Just as,
From pattern - I → 40 − 22 = 12 = 34
From pattern - II → 34 − 10 = 18 = 40
Same as,
From pattern - III → 29 − 7 = 29 = 41
40 − 43 = 7
7 = 4

4. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**



(a) 9 (b) 10
(c) 12 (d) 6

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,
From pattern I
$\frac{(6+2)+(12+4)}{2} = \frac{26}{2} = 13$
From pattern II
$\frac{(16+4)+(24+6)}{2} = \frac{52}{2} = 26$
Same as,
From pattern III
$\frac{(16+2)+(22+7)}{2} = 22$
16 + 22 + 7 = 44
7 = 44 − 38
7 = 6

5. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

9	8	3
4	7	5
5	4	9
135	140	180

(a) 8 (b) 4
(c) 10 (d) 5

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,
In first Column, 9 × 5 × 3 = 135
In second Column, 8 × 7 × 4 = 140
Same as,
In third Column, 3 × 5 × 9 = 180
7 × 25 = 180
7 = 6

6. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

4	3	8
6	7	2
9	6	4
44	27	?

(a) 34 (b) 14
(c) 28 (d) 64

RRB NTPC 08.01.2021 (Shift-II) Stage 1st

Ans. (c) : First we,
From Column I,
$4 \times 8 \times 9 = 44$
From Column II,
$3 \times 7 \times 6 = 27$
Similarly
From Column III,
$8 \times 2 \times 4 = \boxed{?}$

7. **Select the number from among the given options that can replace the question mark (?) in the following table**

21	18	9
42	7	18
84	72	36

(a) 24 (b) 35
(c) 38 (d) 36

RRB NTPC 10.01.2021 (Shift-I) Stage 1st

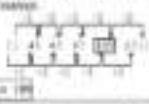
Ans. (c) : First we,
$21 \times 2 = 42$ And, $9 \times 2 = 18$
$42 \times 2 = 84$ $18 \times 2 = 36$
Similarly,
$18 \times 2 = 36$
$36 \times 2 = 72$
Hence $\boxed{? = 36}$

8. **Select the number from among the given options that can replace the question mark (?) in the following pattern.**

(a) 189 (b) 98
(c) 1118 (d) 99

RRB NTPC 10.01.2021 (Shift-I) Stage 1st

Ans. (a) : In the given figure, the numbers increasing in the following manner.



Therefore $\boxed{? = 199}$

9. **Study the given pattern carefully and select the number that can replace the question mark (?) in it**

(a) 34 (b) 12
(c) 9 (d) 15

RRB NTPC 10.01.2021 (Shift-I) Stage 1st

Ans. (d) : First we,
$(12 - 7) + (10 - 5) = 10$ And, $(11 - 6) + (16 - 6) = 15$
$5 + 5 = 10$ $5 + 11 = 15$
$10 = 10$ $15 = 15$
In the same way,
$(8 - 4) + (15 - 5) = ?$
$3 + 10 = ?$
$13 = ?$

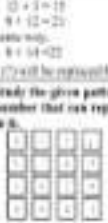
10. **Study the given pattern carefully and select the number that can replace the question mark (?) in the third figure.**

(a) 30 (b) 2
(c) 25 (d) 3

RRB NTPC 08.01.2021 (Shift-I) Stage 1st

Ans. (b) : First we,
$12 + 3 = 15$
and $9 + 12 = 21$
In the same way,
$8 + 14 = 22$
Hence, (?) will be replaced by 2

11. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**



(a) 5 (b) 1
(c) 11 (d) 2

RRB NTPC 08.01.2021 (Shift-I) Stage 1st

Ans. (d) : First we,
From column I,
$4 \times 2 \times 2 = 4 \times 8 = 32$
From column II,
$7 \times 1 \times 2 = 4 \times 8 = 32$
From column III,
$3 \times 2 \times 8 = 1 \times 16 = 32$
Similarly,
From column III,
$? \times 4 \times 7 \times 3 = 32$
$\Rightarrow 12 \times ? = 32$
$? = 3$

12. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 1848 (b) 256
(c) 9 (d) 4113

RRB NTPC 08.02.2021 (Shift-I) Stage Ist

Ans. (d) : Just as,

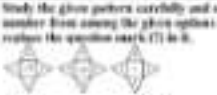
$$\frac{(\text{Number in circle})^2 + 1}{2} = \frac{(\text{Number in circle})^2 + 1}{2}$$

$$\Rightarrow \frac{a^{(1)^2} + 1}{2} = \frac{a^{(1)^2} + 1}{2} = \frac{a^2 + 1}{2} = \frac{a^2 + 1^2}{2}$$

Similarly

$$\frac{(2)^{(1)^2} + (1)^{(1)^2}}{2} = \frac{(a)^{(1)^2} + 1^2}{2} = \frac{2^2 + 1^2 + 4^2}{2} = \frac{16 + 1 + 4}{2} = 4113$$

13. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.



(a) 9 (b) 15
(c) 18 (d) 7

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (a) : Just as,

$$4 \times 8 - 6 = 2 = 20$$

And, $5 \times 6 - 7 \times 6 = 18$

Same as,

$$8 \times 2 - 6 \times 3 = 6$$

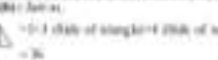
Hence, ? = 6

14. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

(a) 98 (b) 32
(c) 24 (d) 100

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (b) : Just as,



= (× 3 (Side of triangle) + 4 (Side of square))

= 36

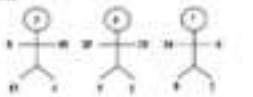
And,

= 5 × 4 (Side of square) + 4 (Side of square) = 30

Same as,

= 4 × 4 (Side of Hexagon) + 3 (Side of Triangle) = 32

15. Study the given pattern carefully and select the number that can replace the question mark (?) in it.



(a) 18 (b) 22
(c) 2 (d) 6

RRB NTPC 10.02.2021 (Shift-I) Stage Ist

Ans. (c) : Just as,

And,

Similarly,

16. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 5 (b) 10
(c) 11 (d) 8

RRB NTPC 11.02.2021 (Shift-I) Stage Ist

Ans. (d) : Just as,

$$\frac{4 \times 4 - 2}{2} = 7$$

$$\frac{4 \times 2 - 2}{2} = 5$$

$$\frac{8 \times 4 - 2}{2} = 15$$

Similarly

$$\frac{2 \times 9 - 2}{2} = 8$$

17. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 4 (b) 15
(c) 12 (d) 9

RRB NTPC 23.02.2021 (Shift-I) Stage Ist

Ans. (a) : Just as,

$7 \div 2 = 3 + 6 = 9$

$16 = 16$

And, $9 \div 2 = 4 + 3 = 7$

$16 = 16$

Similarly,

$8 \div 7 = 2 + 7 = 9$

$8 \div 7 = 42$

$? = 12 \div 3 = 4$

18. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

19	35
33	42
49	31
?	36

(a) 33 (b) 29

(c) 49 (d) 47

RRB NTPC 23.02.2021 (Shift-1) Stage Ist

Ans. (b) : The diagonal relationship between the numbers in the given pattern is as follows.

Just as, Similarly,

So, at the place of question mark there will be number 36.

19. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

(a) 120 (b) 100

(c) 193 (d) 450

RRB NTPC 09.03.2021 (Shift-1) Stage Ist

Ans. (d) : Just as,

$16 \div (8)^2 = 256$

And,

$12 \div (6)^2 = 432$

Same as,

$16 \div (5)^2 = \boxed{400}$

In this, the square of the number made up of one digit is multiplied by the given two-digit number to get the final number.

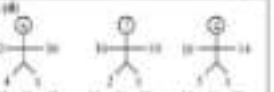
20. Study the given pattern carefully and select the number that will come in place of question mark (?) in third figure.

(a) 7 (b) 5

(c) 2 (d) 4

RRB NTPC 01.04.2021 (Shift-II) Stage Ist

Ans. (d)



Hence, option (d) is correct.

21. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?)

(a) 9 (b) 5

(c) 9 (d) 7

RRB NTPC 04.01.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,

$30 \div 5 = 90$ And, $9 \div 7 = 63$

$90 \div 90$ $63 \div 63$

Same as,

$8 \div 8 = 8 \div$

$48 \div 8 \div$

$\boxed{? \div 8}$

22. Study the given table carefully and select the number from among the given option that can replace the question mark (?).

9	8
17	8
25	16
?	8
49	8
57	16

(a) 45 (b) 40

(c) 33 (d) 32

RRB NTPC 04.01.2021 (Shift-II) Stage Ist

Ans. (a) : Given series are as follows :

$9 + 8 = 17$

$17 + 8 = 25$

$25 + 16 = \boxed{41}$

$41 + 8 = 49$

$49 + 8 = 57$

Hence, 41 will be on the place of question mark.

23. Study the pattern carefully and select the number that will come in place of the question mark (?)

18	24	31
17	18	?
16	20	32
19	?	36

(a) 23 (b) 25

(c) 24 (d) 21

RRB NTPC 31.01.2021 (Shift-1) Stage Ist

Ans. (b) :

Just as,

From Column I,

$18 + 17 = 16 + 19$

$35 = 35$

From Column III,

$31 + 7 = 32 + 26$

$38 = 58$

Similarly,

From Column II,

$25 + 18 = 26 + ?$

$43 - 26 = ?$

$? = 23$

24. Understand the pattern and select the number that can replace the question mark (?) in the third figure.

(a) 10 (b) 6

(c) 12 (d) 4

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just as,

Figure 1,

$5 + 4 + 7 + 8 = 6 \times 4$

$24 = 24$

Figure 2,

$6 + 10 + 8 + 18 = 7 \times 6$

$42 = 42$

Similarly,

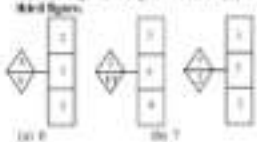
Figure 3,

$12 + 8 + 9 + 3 = 7 \times 6$

$32 = 7 \times 6$

$6 = ?$

25. Understand the pattern and select the number that can replace the question mark (?) in the third figure.



(a) 8 (b) 7

(c) 5 (d) 4

RRB NTPC 17.02.2021 (Shift-II) Stage Ist

Ans. (b) : Just as,

Figure 1,

$2^2 + 5^2 + 3^2 + 3 = 6$

$4 + 25 + 9 = 38$

$38 = 38$

Figure 2,

$3^2 + 8^2 + 6^2 + 3 = 16$

$9 + 64 + 36 + 3 = 16$

$98 = 98$

Similarly,

Figure 3,

$1^2 + 3^2 + 2^2 = ? \times 2$

$1 + 9 + 4 = ? \times 2$

$14 = ? \times 2$

$? = 7$

26. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 48 (b) 24

(c) 30 (d) 34

RRB NTPC 04.03.2021 (Shift-II) Stage Ist

Ans. (a) : Just as,

From figure I,

$7 + 6 = 13 \times 3 = 39$

From figure II,

$7 + 12 = 15 \times 4 = 68$

Same as

From figure III,

$6 + 18 = 24 \times 2 = \boxed{48}$

27. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

4	30	9	21	6	6
10	6	10	4	9	?

(a) 10 (b) 3

(c) 1 (d) 68

RRB NTPC 05.03.2021 (Shift-II) Stage Ist

Ans. (b) : Just as,

$(6 \times 6) - 18 = 18$

and $(9 \times 6) - 13 = 21$

Similarly,

$(6+7)-(x+6)$

$6+7=13$

$7=x$

Hence, the number 7 will come in place of the question mark (?).

28. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 4 (b) 100

(c) 2 (d) 8

BRB NTPC 05.01.2021 (Shift-II) Stage Set

Ans. (a) : And as in first triangle

$=\frac{5^2+3^2}{2}=\frac{34}{2}=9$

And in second triangle

$=\frac{6^2+8^2}{2}=\frac{100}{2}=50$

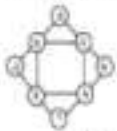
And in third triangle $=\frac{4^2+6^2}{2}=\frac{52}{2}=26$

Similarly,

In fourth triangle

$=\frac{2^2+2^2}{2}=\frac{8}{2}=4$

29. Study the given pattern carefully and select the number that can replace the question mark (?) in it.



(a) 3 (b) 8

(c) 4 (d) 6

BRB NTPC 05.01.2021 (Shift-II) Stage Set

Ans. (d) :

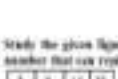
In this, the sum of the digits on the four sides (AB, BC, CD, DA) of the outside square is 18.

Hence, $9+x+4=18$

$x=18-13$

$x=9$

30. Study the given figure carefully and select the number that can replace the 'X'?

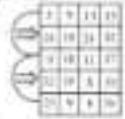


(a) 22 (b) 48

(c) 17 (d) 26

BRB NTPC 13.01.2021 (Shift-II) Stage Set

Ans. (c) : Given,



Ans as,

From column I,

$5+8=16$

$9+23=32$

Similarly,

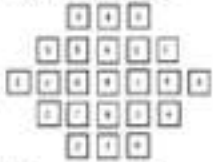
From column III,

$(1+11)=24$

$(1+6)=\boxed{17}$

Hence, 17 will replace X.

31. Select the number that can replace the question mark (?) in the following figure.



(a) 4 (b) 5

(c) 3 (d) 8

BRB NTPC 07.01.2021 (Shift-II) Stage Set

Ans. (d) : And as,

$\frac{5+3}{2}=4$ (Middle number)

And, $\frac{5+3+3+5}{2}=4$ (Middle number)

And, $\frac{2+3+6+1+3+3}{2}=4$ (Middle number)

And, $\frac{2+7+3+4}{2}=4$ (Middle number)

Similarly, $\frac{3+8}{2}=?$

$?=8$

32. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

7	6	5	8
6	3	4	3
5	2	2	5
13	10	12	?

(a) 15 (b) 24
(c) 28 (d) 40

RRB NTPC 16.12.2020 (Shift-II) Stage Ist

Ans. (a) : See as,
In Column I-
$(7+6)-(6+5)=42-30=12$
In Column II-
$(6+3)-(3+2)=40-10=30$
In Column III-
$(5+4)-(4+2)=20-6=12$
Similarly,
In Column IV-
$(8+7)-(7+3)=30-21=15$
Hence, $\boxed{7+15}$

33. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

4	7	15
6	7	13
8	9	?

(a) 12 (b) 9
(c) 13 (d) 7

RRB NTPC 10.01.2021 (Shift-I) Stage Ist

Ans. (b) : Given data,

4	7	15
6	7	13
8	9	?

See as,
$4^2 = 16 \rightarrow 1 + 6 = 7$ And $7^2 = 49 \rightarrow 4+9 = 13$
$7^2 = 25 \rightarrow 2+5 = 7$ And $7^2 = 49 \rightarrow 4+9 = 13$
Same as
$9^2 = 18 \rightarrow 1+8 = 9$, $9^2 = 81 \rightarrow 8+1 = 9$
Hence, option (b) is correct.

34. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 12 (b) 30
(c) 36 (d) 40

RRB NTPC 09.01.2021 (Shift-II) Stage Ist

Ans. (d) : See as,
From figure (i) and (ii),
$2 \times 4 \times 7 = 56$
$6 \times 3 \times 6 = 72$
Same as
From figure (iii),
$2 \times 3 \times 6 = 36$
Hence $\boxed{? = 40}$

35. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 35 (b) 11
(c) 7 (d) 12

RRB NTPC 11.03.2021 (Shift-I) Stage Ist

Ans. (d) : See as,
In first figure,
$9 \times 3 \times 7 \times 5 = 945$
$12 \times 6 = 90$
In second figure,
$4 \times 2 \times 1 \times 6 = 48$
$12 \times 4 = 48$
Same as,
In third figure,
$? \times 2 \times 3 \times 4 = 48$
$8 \times x = 48$
$x = 12$

36. Study the given pattern carefully and select the number which can come in place of question mark (?) in it.
6, 5, 15, 10 = 91
8, 28, 7, 9 = 107
6, 13, 12, 16 = ?
(a) 112 (b) 128
(c) 198 (d) 222

RRB NTPC 03.04.2021 (Shift-II) Stage Ist

Ans. (b) : See as,
6, 5, 15, 10 = 91
$1, 30, 5, = 6 + 5 + 15 + 10$
$= 6 + 75 + 10 = 91 = 8, 11, 3,$
8, 28, 7, 9 = 107
See,
$1, 30, 5, = 8 + 28 + 7 + 9 = 140 + 8 = 107 = 8, 11, 3,$
Same as,
6, 13, 12, 16 = ?
$1, 30, 5, = 6 + 13 + 12 + 16$
$= 6 + 156 + 16 = 178 = 8, 11, 3,$

37. Study the given pattern carefully and select the number from the given options that can replace the question mark (?) in it.

(a) 27 (b) 25
(c) 9 (d) 23

RRB NTPC 24.07.2021 (Shift-II) Stage Ist

Ans. (b) : Just see,

$\Rightarrow \frac{9+7}{2} = \frac{16}{2} = 7$

$\Rightarrow \frac{9+16}{8} = \frac{24}{8} = 4$

$\Rightarrow \frac{17+15}{8} = \frac{32}{8} = 4$

Same as,

$\Rightarrow \frac{27+7}{14} = 4$

$\Rightarrow 27 + 7 = 4 \times 14$

$\Rightarrow 27 + 7 = 60$

$? = 60 - 27$

$\boxed{? = 33}$

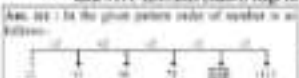
38. Study the given pattern carefully and select the number from among the given options that can replace the question mark(?)

(a) 196 (b) 808

(c) 908 (d) 901

RRB NTPC 22.01.2021 (Shift-I) Stage Ist

Ans. (c) : In the given pattern order of number is as follows:



Hence, ? = 919

39. Study the given pattern carefully and select the number from the given options that can replace the question mark (?) in it.

(a) 22 (b) 44

(c) 32 (d) 48

RRB NTPC 22.01.2021 (Shift-I) Stage Ist

Ans. (b) : Just see,

$(11)^2 = 1$

$(23)^2 = 8$

$(31)^2 = 27$

Same as,

$(40)^2 = ?$

Hence, $? = \boxed{64}$

40. Study the given pattern carefully and select the number that represents the value of x.

36	**25**	**16**	**9**	**4**
361	**x**	**289**	**256**	**225**

(a) 330 (b) 290

(c) 310 (d) 324

RRB NTPC 22.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just see,

36,	25,	16,	9,	4
?	?	?	?	?
6²,	5²,	4²,	3²,	2²

Similarly,

361	$\boxed{\text{[illegible]}}$	289	256	225
?	?	?	?	?
19²,	18²,	17²,	16²,	15²

Hence, x = 324

41. In the above table, which two numbers will replace alphabet A and B respectively?

9	3	27	36
36	4	144	48
44	8	512	576
A	7	343	B

(a) 323 and 490 (b) 29 and 279

(c) 30 and 330 (d) 49 and 392

RRB NTPC 22.01.2021 (Shift-II) Stage Ist

Ans. (d) : Just see,

$9 \div 3 = 27, \quad \therefore 27 \div 9 = 36$

$36 \div 4 = 144, \quad \therefore 144 \div 36 = 48$

$44 \div 8 = 512, \quad \therefore 512 \div 44 = 576$

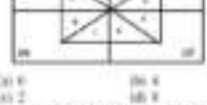
Similarly,

$A \div 7 = 343 \Rightarrow A = 343 \div 7 \Rightarrow A = 49$

$\therefore 343 \div A = B \Rightarrow 343 \div 49 = B \Rightarrow B = 392$

Hence, option (d) is right.

42. Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).



(a) 9 (b) 8

(c) 2 (d) 5

RRB NTPC 22.01.2021 (Shift-II) Stage Ist

Ans. (b) : Just as,

$3 \times 2 = 6$ or $6 + 6 = 36$

$6 \times 2 = 12$ or $12 + 12 = 144$

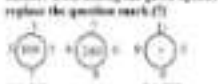
$2 \times 8 = 16$ or $16 + 16 = 256$

Similarly,

$4 \times \boxed{4} = 16$ or $16 + 16 = 256$

Hence, $\boxed{? = 4}$

43. **Study the given pattern carefully and select the number from among the given option that can replace the question mark (?)**



(a) 216 (b) 227

(c) 156 (d) 454

RRB NTPC 23.01.2021 (Shift-II) Stage Set

Ans. (d) : Just as,

From pattern I,

$[(3)^2 + (1)^2 + (5)^2 + (7)^2] \div 2$

$= (9 + 1 + 25 + 49) \div 2$

$= 84 \div 2$

$= 454$

And from pattern II,

$[(4)^2 + (2)^2 + (6)^2 + (8)^2] \div 2$

$= (16 + 4 + 36 + 64) \div 2$

$= 120 \div 2$

$= 246$

Similarly,

From pattern III,

$[(9)^2 + (11)^2 + (5)^2 + (9)^2] \div 2$

$= (81 + 121 + 25 + 81) \div 2$

$= 227 \div 2$

$= 454$

44. **Study the given table carefully and select the number from among the given option that can replace the question mark (?).**

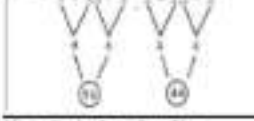
5	2	3
3	2	1
96	44	?

(a) 14 (b) 11

(c) 13 (d) 12

RRB NTPC 28.01.2021 (Shift-I) Stage Set

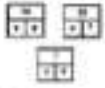
Ans. (d) : Just as,



Same as,

Hence, 12 will come in place of "?".

45. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**



(a) 40 (b) 65

(c) 100 (d) 42

RRB NTPC 16.02.2021 (Shift-I) Stage Set

Ans. (a) : Just as,

From pattern I,

$(6)^2 \div 4 = 64 \div 4$

$= 36$

And,

From pattern II,

$(5)^2 \div 4 = 49 \div 4 = 25$

Similarly,

From pattern III,

$(6)^2 \div 4 = 36 \div 4 = \boxed{40}$

Hence, $\boxed{? = 40}$

46. **Study the given pattern carefully and select the number that can replace the question mark (?) in it.**

(a) 2 (b) 4

(c) 7 (d) 6

RRB NTPC 22.02.2021 (Shift-II) Stage Set

Ans. (b) : Just as,

In figure I,

$7 \div 2 = 4 \div 3 + 2$

$10 = 10$

And

In figure II,

$3 \div 3 = 2 \div 7 \div 3 + 1$

$1 = 1$

Similarly,

In figure III,

$3 \div 7 = 6 \div 3 + 1$

$3 \div 7 = 3$

$7 = \boxed{3}$

47. Study the given pattern carefully and select the number that can replace the question mark(?) in it.

(a) 22 (b) 40
(c) 49 (d) 13

RRB NTPC 08.01.2021 (Shift-I) Stage Ist

Ans. (b) : Twin question.

$\frac{28}{2} = (2\times3)+1$, $\frac{42}{3} = (3\times4)+7$, $\frac{7}{2} = (1\times3)+6$

$6 = 6$ $14 = 14$ $7 = (2\times2)$

Hence, ? = 40

48. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15	10	7	28
27	11	9	33
45	10	15	?

(a) 28 (b) 10
(c) 40 (d) 20

RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (c) :
First set,
From 1st row-

$(5\times10-8) = 28$

From 2nd row-

$(27\times11-6) = 33$

Hence set,
From 3rd row-

$(45\times10-15) = 40$

49. Study the pattern given below carefully and select the number which can come in place of question mark (?) in it.

(a) 7 (b) 9
(c) 5 (d) 8

RRB NTPC 10.01.2021 (Shift-I) Stage Ist

Ans. (a) : First set,
From figure I,

$\frac{3+7+11}{3} = 7$

From figure II,

$\frac{9+8+7}{3} = 8$

Similarly,
From figure III,

$\frac{2+5+4}{3} = \boxed{3}$

50. Study the given pattern carefully and select the number which can come in the place of question mark (?) from the alternatives.

(a) 100 (b) 144
(c) 196 (d) 96

RRB NTPC 24.07.2021 (Shift-I) Stage Ist

Ans. (a) : First set,
From figure I,

$7^2 + 6^2 = 4\times16 = 100$

And,
From figure II,

$5^2 + 3^2 = 25+9 = 34$

Similarly,
From figure III,

$6^2 + 8^2 = 36+64 = 100$

Hence, ? = 100

51. Study the given pattern carefully and select the number from among the given option that can replace the question mark (?) in it.

(a) 10 (b) 11
(c) 9 (d) 7

RRB NTPC 31.07.2021 (Shift-I) Stage Ist

Ans. (a) : First set,

$4\times2 = 8$
$7\times2 = 14$ $\boxed{8, 14}$

And,

$9\times2 = 18$
$8\times2 = 16$ $\boxed{18, 16}$

Similarly,

$7\times2 = 14$
$8\times2 = 16$ $\boxed{14, 16}$

Hence, 14 will come in place of question mark.

31. Find the missing number.

123	127	169	46
57	48	96	16
60	76	?	32

(a) 69 (b) 50
(c) 59 (d) 57

RRB Group 'D' 47/12/2018 (Shift-I)

Ans. (a) : Just as,
$123 - 127 = 60$
$127 - 46 = 76$
$46 - 16 = 32$
Similarly,
$169 - 96 = \boxed{?}$

32. Select the number that come in the place of question mark from following options.

42	44	28
23	55	28
37	?	39

(a) 72 (b) 51
(c) 90 (d) 77

RRB NTPC 30.06.2016 Shift : II

Ans. (a) : Just as,
$(42 - 28)\times 3 = 44$
$(28 - 23)\times 3 = 55$
Similarly,
$(39 - 37)\times 3 = \boxed{72}$

34. Select the number that come in the place of question mark from following options.

3	9	7
5	4	5
9	36	21
345	468	?

(a) 531 (b) 577
(c) 755 (d) 775

RRB NTPC 30.06.2016 Shift : II

Ans. (b) : Just as,
From Column (I) $= 9 \times 5 = 45 = 345$
(3 is written prior to 45)
And,
From Column (II) $= 36 \times 4 = 45 = 468$
Similarly,
From Column (III) $= 21 \times 7 = 75 = 577$

35. Select the number that come in the place of question mark from following options.

3	6	8
9	8	4
4	7	?

(a) 8 (b) 7
(c) 4 (d) 9

RRB NTPC 30.06.2016 Shift : II

Ans. (a) : Just as

From Column I, $\frac{3+9}{3} = \frac{8}{2} = 4$

From Column II, $\frac{6+8}{2} = \frac{14}{2} = 7$

Similarly,

From Column III, $\frac{8+4}{2} = \frac{12}{2} = \boxed{6}$

36. What will come in the place of question mark.

(a) 64 (b) 144
(c) 169 (d) 25

RPF Constable 17.01.2019 Shift : I

Ans. (a) : From the first figure,
$1^2 = 9, 4^2 = 16, 9^2 = 25, 6^2 = 36$
From the second figure,
$4^2 = 16, 7^2 = 25, 6^2 = 36, 7^2 = 49$
From the third figure,
$9^2 = 36, 7^2 = 49, \boxed{9^2 = 64}, 8^2 = 36$
Hence, ? = 64

37. What will come in the place of question mark.

6	4	8
5	7	3
8	3	?
320	126	320

(a) 4 (b) 8
(c) 12 (d) 16

RRB NTPC 30.06.2016 Shift : I

Ans. (b) : From the first column,
$6 \times 5 \times 8 = 120$
From the second column,
$4 \times 7 \times 3 = 126$
From the third column,
$8 \times 3 \times ? = 320$
$? = \frac{320}{48} = 8$ $\boxed{? = 8}$

38. What will come in the place of question mark.

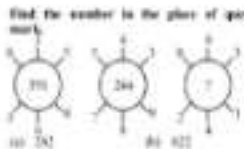
11	34	?
7	45	52
27	144	68

(a) 4 (b) 6
(c) 36 (d) 42

RRB NTPC 30.06.2016 Shift : I

Ans. (a) : From the first column,
$11 \times (7 \times 2) = 11 \times 14 = 27$
From the second column,
$34 \times (45 \times 2) = 34 \times 90 = 144$
From the third column,
$? \times (52 \times 2) = 68$
$? = 68 \div 104$
$\boxed{? = 4}$

59. Find the number in the place of question mark.


4
6
6
6

66. Assuming that the numbers in each of the following figures follow a similar pattern, select the option that can replace the question mark (?) in figure C.

(a) 40 (b) 21
(c) 91 (d) 19

RPF Constable 18.01.2019 Shift : I

Ans. (d) : Sol is as,

$$86+12\times2=14$$
$$61+10\times2=19$$

Similarly,

$$98+11\times2=\boxed{33}$$

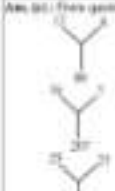
So, '?' will be replaced by 16.

67. Assuming that the numbers in each of the following figures follow a similar pattern, select the option that can replace the question mark (?) in figure C.

(a) 210 (b) 321
(c) 184 (d) 241

RPF SI 16.01.2019 Shift : III

Ans. (a) : From question,



$$\frac{12-6=6}{12+6=28}\Big)28\times4=98$$

$$\frac{16-7=9}{16+7=23}\Big)23\times9=207$$

$$\frac{25-21=4}{25+21=46}\Big)46\times4=184$$

Hence, ? = 184.

68. Assuming that the numbers in each of the following figures follow a similar pattern, select the option that can replace the question mark (?) in figure C.

(a) 26 (b) 115
(c) 37 (d) 36

RRB ALP & Tec. (14/08/18 Shift-III)

Ans. (d) :

Hence, ? = 36

69. Select the missing number from given series in given figures below.

(a) 1 (b) 2
(c) 3 (d) 4

RPF Constable 18.01.2019 (Shift : II)

Ans. (a) : Sol is as,

$$(5)^2=25$$
$$(9)^2=81$$
$$(2)^2=4$$

Similarly,

$$(1)^2=1$$

Hence, ? will be replaced by 1.

70. Which is best suited to be placed in place of question mark in the figure.

4	4	7
3	3	4
3	1	2
49	64	169

(a) 19 (b) 4
(c) 7 (d) 9

RRB JE - 31/05/2019 (Shift-III)

Ans. (c) Sol is as,

$$(4+3+3)^2=(7)^2=49$$

And,

$$(4+3+3)^2=(10)^2=64$$

Similarly,

$$(7+4+2)^2=169$$
$$(7+4)^2=(11)^2$$
$$7+4=11$$
$$?=7$$

71. Which is best suited to be placed in place of question mark in the figure?

9	3	2
8	7	4
6	8	1

(a) 9 (b) 6
(c) 7 (d) 4

RRB JE - 28/05/2019 (Shift-I)

Ans. (d) : From Question,

From row-I	From row-II	From row-III
$5-2=3$	$8-4=7$	$6-1=5$
$\boxed{3}$	$\boxed{7}$	$\boxed{5}$

72. Which is best suited to be placed in place of question mark in the figure.

(a) 7 (b) 4
(c) 1 (d) 9

RRB JE - 27/05/2019 (Shift-II)

Ans. (d) : Just see,
From first row,
$81 \div 1 = 81$
And,
From second row,
$9 \times 1 \times 9 = 81$
Similarly,
From third row,
$3 \times 3 \times 3 \times ? = 81$
$? = \frac{81}{27}$, $? = \frac{27}{27}$

73. Which is best suited to be placed in place of question mark in the figure?

(a) 33 (b) 30
(c) 32 (d) 39

RRB JE - 27/05/2019 (Shift-III)

Ans. (a) : From question,
$(8 \times 2) - 1 = 16 - 1 = 15$
$(2 \times 9) - 1 = 18 - 1 = 17$
$(9 \times 5) - 1 = 45 - 1 = 44$
$(6 \times 4) - 1 = 24 - 1 = 23$
$(7 \times 4) - 1 = 28 - 1 = 27$
$(7 \times 6) - 1 = 56 - 1 = \boxed{55}$
$? = 55$

74. Which is best suited to be placed in place of question mark in the figure?

(a) 84 (b) 48
(c) 42 (d) 36

RRB JE - 01/06/2019 (Shift-I)

Ans. (a) : Just see,
$6 \times (9 \div 1) = 72$
And,
$12 \times (12 \div 1) = 144$
Same as,
$6 \times (8 \div 1) = \boxed{48}$
Hence, $? = 48$

75. Which is best suited to be placed in place of question mark in the figure?

(a) 35 (b) 48
(c) 32 (d) 78

RRB JE - 30/05/2019 (Shift-I)

Ans. (b) : Just see:
From figure I,
$5 \times 2 \times 3 = 15 \times 2 = 30$
From figure II,
$8 \times 5 \times 1 = 40 \times 5 = 20$
Similarly,
From figure III,
$8 \times 3 \times 1 = 40 \times 3 = 2 \times ?$
Hence, $? = \boxed{48}$

76. Which is best suited to be placed in place of question mark in the figure?

(a) 16 (b) 18
(c) 39 (d) 36

RPF SI 11.01.2019 Shift - I

Ans. (d) : Just see,
$\Rightarrow 7 \times 2^2 = 11$
$\Rightarrow 11 \times 2^2 = 20$
Similarly,
$\Rightarrow 20 \times 4^2 = \boxed{36}$

77. Which is best suited to be placed in place of question mark in the figure.

(a) 74 (b) 71
(c) 44 (d) 48

RRB JE - 31/05/2019 (Shift-I)

Ans. (b) : Just see,
$8 \times 2 + 1 = 17$
And, $17 \times 2 + 1 = 35$
Similarly,
$35 \times 2 + 1 = ?$
$70 + 1 = ?$
Hence, $? = 71$

78. Which is best suited to be placed in place of question mark in the figure.

4	5	1
3	6	4
2	8	7
34	40	?

(a) 51 (b) 54
(c) 58 (d) 47

RPF Constable 30.01.2019 Shift - III

Ans. (c) : Just as,

From column I,

$(4)^2 + (3)^2 - 2 = 23$

$16 + 9 - 2 = 23$

$23 = 23$

From column II,

$(3)^2 + (6)^2 - 3 = 40$

$9 + 36 - 3 = 40$

$40 = 40$

Similarly,

From column III,

$(1)^2 + (8)^2 - 7 = 7$

$1 + 64 - 7 = 58$

$7 = 18$

79. Which option will complete the relation given below?

3(24)3

3(21)7

3(***)8

(a) 139 (b) 3013

(c) 163 (d) 314

RPF SI 13.01.2019 Shift - III

Ans. (a) : Just as,

$6(240)$

$6 \times 3 = 24 \rightarrow 2 \times 4 = 6 \rightarrow 246$

And,

$3(21)7$

$3 \times 7 = 21 \rightarrow 2 \times 1 = 3 \rightarrow 231$

Similarly,

$3(***)8$

$3 \times 8 = 15 \rightarrow 1 \times 5 = 6 \rightarrow 156$

80. Which is best suited to be placed in place of question mark in the figure?

(a) 108 (b) 126

(c) 94 (d) 136

RRB JE - 25.05.2019 (Shift-I)

Ans. (b) : Just as,

And,

Similarly,

Hence, ? = 126

81. Which is best suited to be placed in place of question mark in the figure?

(a) 318 (b) 336

(c) 312 (d) 324

RPF Constable 19.01.2019 Shift - I

Ans. (d) : Just as,

$36 \div 7 = 11 \rightarrow (11)^2 = 121$

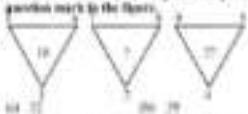
And,

$42 \div 23 = 17 \rightarrow (17)^2 = 289$

Similarly,

$54 \div 36 = 18 \rightarrow (18)^2 = 324$

82. Which is best suited to be placed in place of question mark in the figure.



(a) 22 (b) 28

(c) 41 (d) 27

RRB JE - 25.05.2019 (Shift-II)

Ans. (b) : Just as,

$3 \times 6 - (3 \times 6 \div 1) = 36 - 12 = 24$

And,

$9 \times 3 - (9 \times 3 \div 6) = 45 - 18 = 27$

Similarly,

$7 \times 8 - (7 \times 8 \div 2) = 56 - 17 = 39$

Hence, ? = 39

83. Which is best suited to be placed in place of question mark in the figure.

6	9	7
3	5	2
18	7	?
39	28	25

(a) 4 (b) 5

(c) 3 (d) 6

RRB JE - 02.06.2019 (Shift-III)

Ans. (b) : Just as,

$(6 \times 5) + 18 = 38$

And,

$(9 \times 3) \div 7 = 3$

Similarly,

$(7 \times 2) \div 5 = 3$

Hence, ? = 3

84. Which is best suited to be placed in place of question mark in the figure.

2	4	3
3	6	8
4	7	9
28	40	?

(a) 46 (b) 48

(c) 42 (d) 40

RRB JE - 02.06.2019 (Shift-III)

Ans. (c) : Just as,

$3 \times 4 \times 2 = 24$

And,

$7 \times 8 \times 4 = 48$

Similarly,

$5 \times 8 \times 3 = 40$

Hence, ? = 40

85. Which of the following option would fit remarks the relation given below?

8(5)(6)A, 7(8)(9)B, 4(7)(7)?

(a) 123 (b) 321

(c) 213 (d) 332

RRB JE - 02/06/2019 (Shift-III)

Ans. (b) : Given as,

$9(5+1)6 \rightarrow 9 \times 6 = 54 \rightarrow 5 - 4 = 1 \rightarrow 541$

And,

$7(8+1)9 \rightarrow 7 \times 9 = 63 \rightarrow 6 - 3 = 3 \rightarrow 633$

Similarly,

$4(7+7)2 \rightarrow 4 \times 2 = 32 \rightarrow 3 - 2 = 1 \rightarrow 321$

Hence, $\boxed{777 \rightarrow 321}$

86. Which is best suited to be placed in place of question mark in the figure?

(a) 41 (b) 53

(c) 57 (d) 45

RPF Constable 15.01.2019 (Shift - II)

Ans. (d) : Given as,

$\Rightarrow 22 + 24 + 26 = 68$

And,

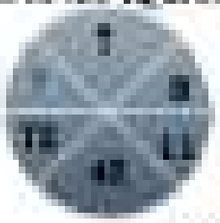
$\Rightarrow 8 + 11 + 9 = 27$

Similarly,

$\Rightarrow 15 + 17 + 16 = \boxed{48}$

Hence, $\boxed{? = 48}$

87. Which is best suited to be placed in place of question mark in the figure?



(a) 90 (b) 71

(c) 82 (d) 10

RPF SI 13.08.2019 (Shift - I)

Ans. (d) : Given as,

$7 \times (7 - 1) = 42$

And,

Ans. (b) : Given as,

$10(8)(2) \rightarrow 8 \times 2 + 10 = 6$

$\rightarrow 6(3)(1) \rightarrow 6 - 3 = 3$

And,

$12(8)(1) \rightarrow 11 \times 7 = 43$

$\rightarrow 43(1) \rightarrow 4 - 3 = 1$

Similarly,

$42(7)(7) \rightarrow 42 \times 12 = 54$

$\rightarrow 54(1) \rightarrow 5 - 4 = 1$

Hence, $? = 54$

89. Which is best suited to be placed in place of question mark in the figure.

(a) 92 (b) 112

(c) 89 (d) 103

RRB JE : 30/05/2019 (Shift-I)

Ans. (b) : Given as,

$80 \xrightarrow{-5} 75 \xrightarrow{-5} 70$

And,

$10 \xrightarrow{-5} 20 \xrightarrow{-5} 60$

Similarly,

$20 \xrightarrow{-5} 50 \xrightarrow{-5} \boxed{?}$

Hence, $\boxed{? = 112}$

90. Which of the following number will come in the place of question mark in given figure below?

2	4	8
1	3	4
3	1	2
36	7	81

(a) 25 (b) 50

(c) 48 (d) 73

RRB NTPC 12.04.2016 Sept

Ans. (d) : Given as,

$(2)^2 + (1)^2 - (3)^2 = 8 + 1 - 27 = 20$

And,

$(4)^2 + (3)^2 - (1)^2 = 64 + 27 = 91$

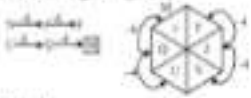
Similarly,

$(8)^2 + (4)^2 - (2)^2 = 64 + 8 + 1 = \boxed{73}$

Hence, $\boxed{? = 73}$

Type - 2

Ans. (b) : According to the question,



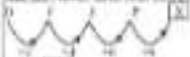
Hence, ? = M

91. Study the pattern given below carefully and select the letter which can come in the place of question mark (?) in it.

(a) W (b) X
(c) U (d) V

RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (b) : Given series is as follows



Hence, ? = X

92. Study the given pattern carefully and select the letter that can replace the question mark (?) in it.

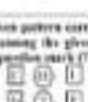
(a) P (b) S
(c) R (d) I

RRB NTPC 03.03.2021 (Shift-I) Stage Ist

Ans. (b) : The series is as follows

Hence, ? = R

93. Study the given pattern carefully and select the letter from among the given options that can replace the question mark (?) in it.

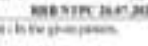


(a) O (b) S
(c) T (d) P

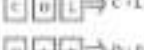
RRB NTPC 26.07.2021 (Shift-I) Stage Ist

Ans. (a) : In the given pattern,

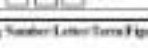
Just as,



And,



Same as,



So, ? = T + I = O

Note: The given letters are added with their place value in English alphabet.

94. Select the letter that can replace the question mark (?) in the figure below.

(a) X (b) W
(c) M (d) P

RRB NTPC 17.02.2021 (Shift-II) Stage Ist

Ans. (c) : According to the question,

95. Select the letter that can replace the question mark (?) in the figure below.

(a) E (b) I
(c) U (d) R

RRB NTPC 17.02.2021 (Shift-II) Stage Ist

Ans. (b) : Just as,

B A D C → 2 + 1 + 4 + 3 = 10

And,

A D E → 1 + 4 + 5 = 10

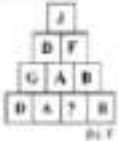
Same as,

G C → 7 + 3 = 10

? → 10

Hence, option (b) is correct.

97. Which letter will replace the question mark in the given diagram?



(a) C (b) F
(c) A (d) D

RRB NTPC 27.02.2021 (Shift-I) Stage Ist

Ans. (a) : Ist is,

1 + 10

And,

D, F

4 + 6 = 10

And,

G A B

7 + 1 + 2 = 10

Similarly,

D A ? B

4 + 1 = 7; 2 = 10

7 + 10 = 7

7 = 1

Hence, ? = C

98. Study the given pattern carefully and select the alphabet that can replace the question mark (?) in it.

(a) D (b) I
(c) Z (d) C

RRB NTPC 04.03.2021 (Shift-II) Stage Ist

Ans. (a) : Ist is-

? = 25

And,

P + D + 16 + 4 = 26

And,

E + A + 16 + 4 + 1 = 12 = 26

Same as-

P + 1 + A + ? = 26

4 + 9 + 1 + ? = 26

? = 4

? = D

99. Study the given pattern carefully and select the letter that can replace the question mark (?) from the given alternatives?

(a) X (b) N
(c) P (d) M

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (d) : In the given pattern

I → K → Q → Y → N → ? → J

Hence, ? = M

100. Study the given pattern carefully and from the given alternatives select the letter which can come in place of the question mark (?)

(a) A (b) M
(c) F (d) E

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (d) : In the given pattern

Ist is,

D → M

I → R

J → Q

R → Y

Similarly,

V → E

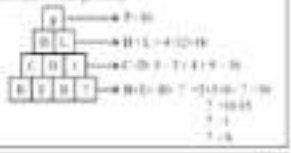
Hence, there will be E in the place of the question mark(?)

101. Study the given pattern carefully and select the letter that can replace the question mark (?) in it.

(a) A (b) Z
(c) C (d) T

RRB NTPC 09.03.2021 (Shift-II) Stage Ist

Ans. (a) : From question,



102. Study the given pattern carefully and select the letter that can replace the question mark (?) in it.

(a) T (b) A
(c) R (d) U

RRB NTPC 12.01.2021 (Shift-1) Stage Ist

Ans. (b) : Let us,

J → 10

And,

F D
↓ ↓
6 + 4 = 10

And,

A F C A
↓ ↓ ↓ ↓
1 + 5 = 3 = 1 = 10

Similarly,

D ? E
↓ ↓ ↓
4 + ? + 5 = 10
? = (10 − 9) = 1

Hence ? = A

103. Study the given pattern carefully and select the letter that can replace the question mark (?) in it.

(a) X (b) U
(c) A (d) W

RRB NTPC 12.01.2021 (Shift-1) Stage Ist

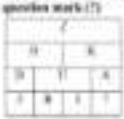
Ans. (b) : C → 3, → D → ? → E → H → L → Q

3 + 12 + 4 = ? = 5 + 8 + 12 = 17

? = 42 − 19

? = 23 → U

104. Study the pattern given below carefully and select the letter which can come in place of question mark (?)



(a) A (b) E
(c) ? (d) U

RRB NTPC 12.01.2021 (Shift-1) Stage Ist

Ans. (b) : Let us,

P → Place Value → 16

And,

D → Place Value → 4

K → Place Value → 11

29

And,

D → Place Value → 4

T → Place Value → 21

A → Place Value → 1

26

Similarly,

? → Place Value → 18

R → Place Value → 2

I → Place Value → 9

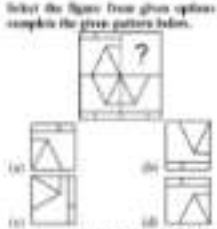
E → Place Value → 5

26

Hence, ? = U

Type - 3

105. Select the figure from given options which is complete the given pattern below.



RRB JE - 01/06/2019 (Shift-III)

Ans. (a) The question given in option (a) will complete the pattern of the figure.

106.

Which of the following pictures will come in the place of '?' in above figure?

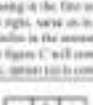
A B C D

(a) C (b) A
(c) B (d) D

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (a) : In the given question figure, one circle is decreasing in the first to the next from respectively from left to right, same as in the third row also there will be two circles in the answer figure.
So the figure C will come in place of '?'
Hence, option (a) is correct.

107.



Select the appropriate figure which is substituted in the place of question mark (?)

A B C D

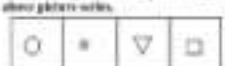
(a) C (b) D
(c) B (d) A

RRB Group-D – 04/10/2018 (Shift-II)

Ans. (a) : Figure C will be substituted in place of the question mark.
Hence, option (a) is correct.

108.

Select the figure from following which will come in the place of the question mark in the above pictures series.



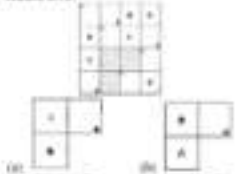
A B C D

(a) A (b) B
(c) D (d) C

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (a) : Figure D will come in place of the question mark because it is clear from the above pattern that the middle figure is the third shape of each row.
Hence, option (a) is correct.

109. Which answer figure will correctly replace the shaded area?

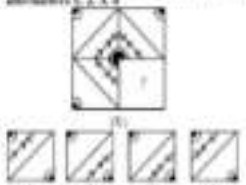


(a) (b)
(c) (d)

RRB Group-D – 06/12/2018 (Shift-II)

Ans. (b) : Option (b) will correctly replace the given shaded area.

110. Complete the Figure X from the given alternatives 1, 2, 3, 4



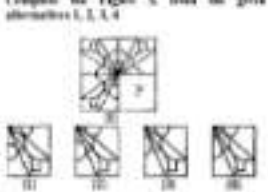
(1) (2) (3) (4)

(a) 1 (b) 2
(c) 3 (d) 4

RRB NTPC 11/04/2016 Shift - I

Ans. (d) : In the given option, figure (4) will come in place of the question mark.
So, option (d) is correct.

111. Complete the Figure X from the given alternatives 1, 2, 3, 4



(1) (2) (3) (4)

(a) 1 (b) 2
(c) 3 (d) 4

RPF SI 20.01.2019 Shift - III

Ans. (b) : Answer figure (2) will complete the given question figure.
Hence, option (b) is correct.

112. **Select the Answer Figure that correctly fits in the blank space in the given Problem Figure.**

Problem Figure

Answer Figures

A B C D

(a) D (b) B
(c) C (d) A

RRB ALP & Tec (30.08.2018 Shift-I)

Ans. (a) : Answer figure 'D' will complete the given question figure.
Hence, option (a) is correct.

113.

Select the correct figure which can fit right in blank space.

A B C D

(a) C (b) B
(c) A (d) D

RPF Constable 22.01.2019 Shift - III

Ans. (c)

Note: we see that a closed shape has been formed by removing the 3 lines or 4 lines, So the new closed figure will be removed by one line

Figure – A

Hence, option (c) is correct answer.

114.

Select the correct figure for blank space given above.

(c) (d)

RRB Group-D – 30/03/2018 (Shift-II)

Ans. (d) : Figure (d) will complete the figure that comes in place of the question mark.

115.

Select the correct figure for blank space given above.

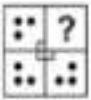
A B C D

(a) A (b) B
(c) D (d) C

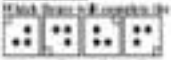
RRB Group-D – 02/31/2019 (Shift-II)

Ans. (a) : Answer figure D will complete the given question figure.
Hence, option (a) is correct.

116.



Which figure will complete the blank space?



A B C D

(a) C (b) A
(c) D (d) B

RRB Group-D – 12/31/2019 (Shift-II)

Ans. (d) : In the above picture, figure D will be come in place of the question mark.
Hence, option (d) is correct.

117.

Which figure will complete the blank space.

A B C D

(a) B (b) D
(c) A (d) C

RRB Group-D – 12/03/2019 (Shift-II)

Ans. (d) : The figure C will replace the question mark in the question figure. Hence, option (d) is correct.

118.

Which option is appropriate for above (?) question?

A B C D

(a) D (b) A
(c) B (d) C

RRB Group-D – 04/09/2018 (Shift-I)

Ans. (a) It is clear from the option figure that the answer figure D will come in the place of the question mark. So, option (a) is correct.

119. **Select that answer figure which will come in the place of '?' in question figure series**

(a) D (b) B
(c) C (d) A

RPF SI 08.01.2019 Shift – I

Ans. (d) : Figure A will complete the question figure. So, option (d) is correct.

120.

Select that answer figure which will come in the place of '?' in question figure series

A B C D

(a) D (b) B
(c) A (d) C

RPF Constable 24.01.2019 Shift – I

Ans. (a) : Answer figure A will come in place of the question mark. Hence, option (a) is correct.

121.

Select that answer figure which will come in the place of '?' in question figure series

(a) C (b) B
(c) D (d) A

RRB Group-D – 01/10/2019 (Shift-II)

Ans. (a) : In the place of question mark, figure C will come because all the parts are growing in each figure. So, option (a) is correct.

122.

Select that answer figure which will come in the place of '?' in question figure series

(a) B (b) A
(c) D (d) C

RRB Group-D – 01/10/2019 (Shift-III)

Ans. (d) : Answer figure C will come in place of the question mark (?). So, option (d) is correct.

123.

Select that answer figure which will come in the place of '?' in question figure series

(a) C (b) B
(c) D (d) A

RRB Group-D – 01/10/2019 (Shift-III)

Ans. (d) : According to the question, answer figure C will come in place of the question mark.

Hence, option (a) is correct.

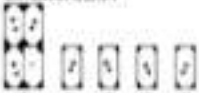
114. Complete the Figure X from the given alternatives 1, 2, 3, 4

(a) 1 (b) 2
(c) 3 (d) 4

RRB NTPC 07.04.2016 Shift : III

Ans. (b) : According to the question, answer figure (2) will complete the question figure.
Hence, option (b) is correct.

115. Complete the Figure X from the given alternatives 1, 2, 3, 4



(a) 1 (b) 2
(c) 3 (d) 4

RPF SI 05.09.2019 Shift : II

Ans. (a) : As we see the left side, there is only one type of pictures. Same as on the right side, there will be same type of pictures.

116. Complete the Figure X from the given alternatives 1, 2, 3, 4

(a) 1 (b) 2
(c) 3 (d) 4

RRB NTPC 17.04.2016 Shift : III

Ans. (d) : Answer figure (4) will fill the blank space of the question figure.
Hence, option (d) is correct.

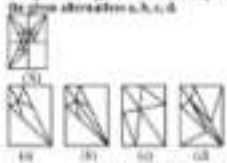
117. Complete the Figure X from the given alternatives 1, 2, 3, 4

(a) 1 (b) 2
(c) 3 (d) 4

RRB NTPC 17.04.2016 Shift : III

Ans. (d) : Answer figure (4) will complete the given question figure.
Hence, option (d) is correct.

118. Complete the figure x with the help of one of the given alternatives a, b, c, d.

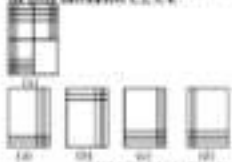


(a) (b) (c) (d)

RRB NTPC 26.04.2016 Shift : III

Ans. (a) : Option figure (a) will complete the blank space of the question figure.
Hence, option (a) is correct.

119. Complete the figure x with the help of one of the given alternatives 1, 2, 3, 4.



(a) (b) (c) (d)

RRB NTPC 26.04.2016 Shift : III

Ans. (a) : Option figure (a) will fill in the blank of the question figure.
Hence, option (a) is correct.

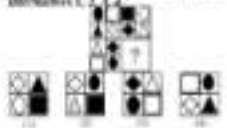
120. Complete the Figure X from the given alternatives 1, 2, 3, 4

(a) 1 (b) 2
(c) 3 (d) 4

RRB JE 27.06.2016 Shift : III
RRB NTPC 11.04.2016 Shift : III

Ans. (a) : Answer figure (1) will complete the given question figure.
Hence, option (a) is correct.

121. Complete the Figure X from the given alternatives 1, 2, 3, 4

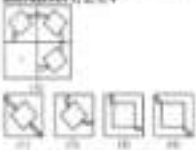


(a) 1 (b) 2
(c) 3 (d) 4

RRB NTPC 11.04.2016 Shift : III

Ans. (a) : Answer figure (1) will complete the given question figure.

132. Complete the Figure X from the given alternatives 1, 2, 3, 4



(a) 1 (b) 2
(c) 3 (d) 4

RPF Constable 24.01.2019 Shift : III

Ans. (b) : Answer figure (2) will complete the given question figure (X).
Hence, option (b) is correct.

133. Complete the Figure X from the given alternatives 1, 2, 3, 4

(a) 1 (b) 2
(c) 3 (d) 4

RRB NTPC 11.04.2016 Shift : I

Ans. (b) : Answer figure (2) will complete the pattern of the question figure.
Hence, option (b) is correct.

134. Complete the following figure with the correct option :

RRB ALP & Tec.(17-08-18 Shift-I)
RRB ALP & Tec.(19-08-18 Shift-II)

Ans. (b) : Option figure (b) will complete the given question figure.
Hence, option (b) is correct.

135. Complete the following figure with the correct option :

Question figure

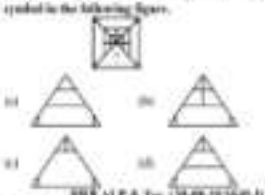
Answer figure

(a) D (b) C
(c) B (d) A

RPF SI RCA1.2019 Shift : III

Ans. (d) : Answer figure A will complete the given question figure.
Hence, option (d) is correct.

136. Select the option that can replace the (?) symbol in the following figure.

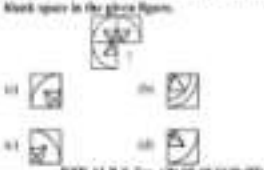


RRB ALP & Tec. (30-08-18 Shift-I)

Ans. (b) : In the given question figure, the answer figure given in option (b) will complete the question figure.

So option (b) is correct.

137. Select the option that will correctly fit in the blank space in the given figure.



RRB ALP & Tec. (30-08-18 Shift-III)

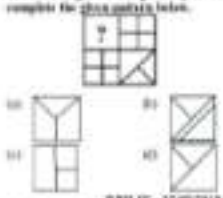
Ans. (d) : The image given in option (d) will appear correctly in the blank space.
Hence, option (d) is correct.

138. Select the option that will correctly fit in the blank space in the given figure.

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (d) : It is clear from the picture that option (c) will complete the question figure.
Hence, option (c) is correct.

138. Select the figure from given options which is complete the given pattern below.



RRB JE - 22/03/2019 (Shift-I)

Ans. (d) : Option (d) will complete the given question figure.
Hence, option (d) is correct.

140. Select the option that will correctly fit in the blank space of the following figure :

RRB ALP & Tec. (29-08-18 Shift-II)
RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (a) : The picture in option (a) will complete the question figure.
Hence, option (a) is correct.

141. Select the option that will correctly fit in the blank space of the given figure.

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (a) : The figure given in option (a) will set correctly in the question figure.
Hence, option (a) is correct.

142. Select the option that will correctly fit in the blank space in the following figure.

RRB ALP & Tec. (29-08-18 Shift-III)

Ans. (a) : The given question figure is as follows.

The figure given in option (a) will be filled correctly in the blank space. So, option (a) is correct.

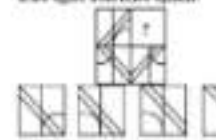
143. Select the option that will correctly fit in the blank space in the given figure.

RRB ALP & Tec. (29-08-18 Shift-III)

Ans. (a) : The given question figure is as follows.

The figure given in option (a) will fit correctly in the blank space. So, option (a) is the correct option.

144. Select the appropriate figure for blank space of below figure from below options.



RPF SI 24.12.2018 Shift - I

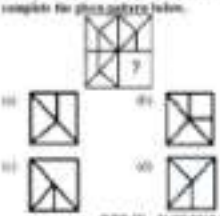
Ans. (b) : Option figure (b) will complete the given question figure. So, option (b) is correct.

145. Select the option that correctly fits in the blank space in the given figure.

RRB ALP & Tec. (29-08-18 Shift-I)
RRB ALP & Tec. (05-11-18 Shift-III)
RRB Group D – 19/11/2018 (Shift-III)

Ans. (d) : Option figure (d) will complete the given question figure. So, option (d) is correct.

146. Select the figure from given options which is complete the given pattern below.

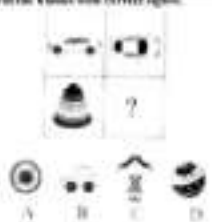


(a) (b)
(c) (d)

RRB JE – 16/09/2019 (Shift-I)

Ans. (a) : Option figure (a) will complete the pattern of the question figure. So, option (a) is correct.

147. Fill the blanks with correct figure.

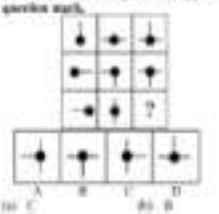


(a) D (b) B
(c) A (d) C

RPF Constable 23.01.2019 Shift – I

Ans. (a) : See in the upper part of the first figure is shown in the second figure, same the upper part of the third picture will be shown in the fourth figure (?). So, the figure in the blank will be (A).
Hence, option (a) is correct.

148. Choose the correct figure that appears on the question mark.



(a) C (b) B
(c) D (d) A

RRB ALP & Tec. (17-08-18 Shift-III)

Ans. (d) : Answer figure A will replace the question mark. So, option (d) is correct.

149. Select Answer Figure that will correctly fit in the blanks space in the Problem Figures.

(a) B (b) C
(c) D (d) A

RRB ALP & Tec. (17-08-18 Shift-III)

Ans. (d) : The figure A will replace the question mark. Hence, option (d) is correct.

150. Choose the correct picture which follows:

(a) D (b) B
(c) C (d) A

RRB ALP & Tec. (14-08-18 Shift-I)

Ans. (c) : The first picture in the given question is a image of second picture.
So the image of the third picture will be C.
So option (c) is correct.

151. Select the option that will correctly fit in the blank space in the following figure.

(a) (b)
(c) (d)

RRB ALP & Tec. (10-08-18 Shift-II)

Ans. (a) : Option figure (a) will complete the given question figure. So, option (a) is correct.

152. Select the option that will correctly fit in the blank space in the following figure.

Options:

(a) B (b) D
(c) A (d) C

RRB ALP & Tec. (10-08-18 Shift-II)

Ans. (d) : The given question figure will be completed by figure C.
Hence, option (d) is correct.

153. Choose the correct figure that replaces the question mark.

(a) C (b) A
(c) D (d) B

RRB ALP & Tec (29-08-18 Shift-II)

Ans. (a) : Answer figure C will complete the given question figure option (a) is correct. So, option (a) is correct.

154. Choose the correct figure that replaces the question mark.

(a) D (b) B
(c) A (d) C

RPF SI 15.12.2019 Shift - I

Ans. (a) : Answer figure D will fit replace the question mark. So, option (a) is correct.

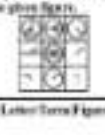
155. Select the answer figure which is appropriate for the couple space in the given question problem figures.

(a) B (b) C
(c) A (d) D

RRB ALP & Tec (09-08-18 Shift-I)

Ans. (a) : The answer figure 'A' will complete the question figure. So, option (a) is correct.

156. Select the option that correctly fits in the blank space in the given figure.

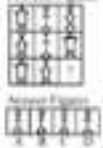


(a) D (b) A
(c) C (d) B

RRB ALP & Tec (09-08-18 Shift-III)

Ans. (c) : Answer figure 'C' will complete the given question figure. Hence, option (c) is correct.

157. Complete the problem figure with an appropriate option from the answer figures.



(a) C (b) D
(c) B (d) A

RRB ALP & Tec (09-08-18 Shift-III)

Ans. (c) : Answer figure B will complete the picture of the question figure. Hence, option (c) is correct.

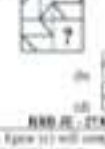
158. Select the figure from given options which is complete the given pattern below.

(a) (b)
(c) (d)

RRB JE - 27/06/2019 (Shift-III)

Ans. (d) : Option figure (d) will complete the question figure. Hence, option (d) is correct.

159. Select the figure from given options which is complete the given pattern below.

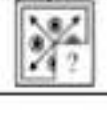


(a) (b)
(c) (d)

RRB JE - 27/06/2019 (Shift-III)

Ans. (d) : Option figure (c) will complete the question figure. Hence, option (c) is correct.

160. Select the figure from given options which is complete the given pattern below.



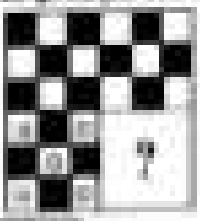
(a) (b)

(c) (d)

SSC JE : 24/05/2019 (Shift-03)

Ans. (d) : Option figure (d) will complete the pattern of the given question figure. Hence, option (d) is correct.

161. Select the figure from given options which is complete the given pattern below.



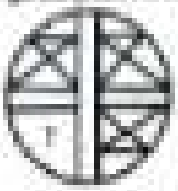
(a) (b)

(c) (d)

SSC JE : 27/05/2019 (Shift-03)

Ans. (d) : Option figure (d) will complete the given question figure. Hence, option (d) is correct.

162. Select the figure from given options which is complete the given pattern below.



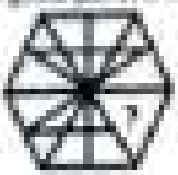
(a) (b)

(c) (d)

SSC JE : 01/06/2019 (Shift-3)

Ans. (d) : Option figure (d) will complete the pattern of the question figure. So, option (d) is correct.

163. Select the figure from given options which is complete the given pattern below.



(a) (b)

(c) (d)

RPF Constable 29.01.2019 (Shift - 03)

Ans. (c) : Option figure (c) will complete the pattern of the given question figure. Hence, option (c) is correct.

164. Select the figure from given options which is complete the given pattern below.

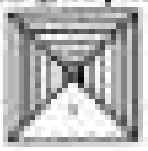
(a) (b)

(c) (d)

RRB JE : 30/06/2019 (Shift-3)

Ans. (a) : Option figure (a) will complete the pattern of the given question figure. Hence, option (a) is correct.

165. Select the figure from given options which is complete the given pattern below.



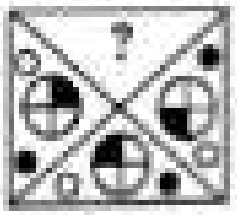
(a) (b)

(c) (d)

RRB JE : 30/06/2019 (Shift-3)

Ans. (b) : Option figure (b) will complete the given question figure. So, option (b) is correct.

166. Select the figure from given options which is complete the given pattern below.



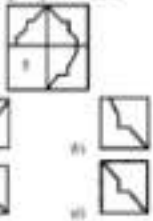
(a) (b)

(c) (d)

RRB JE : 30/06/2019 (Shift-3)

Ans. (a) : Option figure (a) will complete the given question figure. So, option (a) is correct.

167. Select the figure from given options which is complete the given pattern below.



RRB JE – 30/05/2019 (Shift-I)

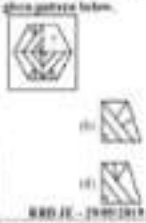
Ans. (c) : The given option figure (c) will complete the question figure. So, option (c) is correct.

168. Select the figure from given options which is complete the given pattern below.

RRB JE – 30/05/2019 (Shift-III)

Ans. (d) : Option figure (d) will complete the given question figure. Hence, option (d) is correct.

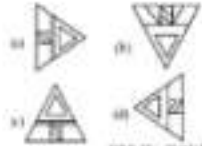
169. Select the figure from given options which is complete the given pattern below.



RRB JE – 29/05/2019 (Shift-I)

Ans. (d) : Option figure (d) will complete the question figure. So, option (d) is correct.

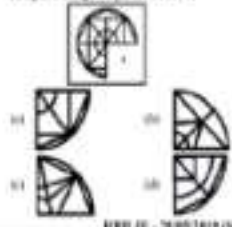
170. Select the figure from given options which is complete the given pattern below.



RRB JE – 29/05/2019 (Shift-I)

Ans. (b) : Option figure (b) will complete the given pattern. So, option (b) is correct.

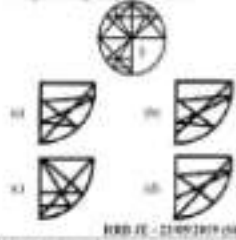
171. Select the figure from given options which is complete the given pattern below.



RRB JE – 28/05/2019 (Shift-II)

Ans. (a) : Option figure (a) will complete the given question figure. So, option (a) is correct.

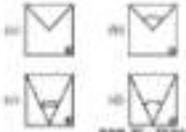
172. Select the figure from given options which is complete the given pattern below.



RRB JE – 23/05/2019 (Shift-II)

Ans. (c) : Option figure (c) will complete the given question figure.

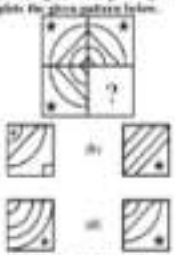
173. Select the figure from given options which is complete the given pattern below.



RRB JE : 29/05/2019 (Shift-II)

Ans. (d) : Option figure (d) will complete the given question figure. So, option (d) is correct.

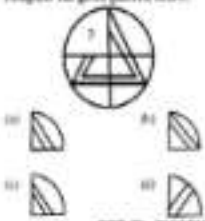
174. Select the figure from given options which is complete the given pattern below.



RRB JE : 31/05/2019 (Shift-II)

Ans. (d) : The figure (d) will complete the given pattern. So, option (d) is correct.

175. Select the figure from given options which is complete the given pattern below.



RRB JE : 29/05/2019 (Shift-II)

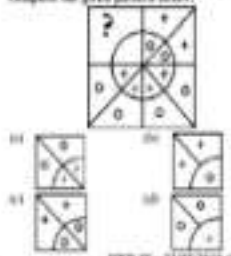
Ans. (a) : The shape of option (a) will satisfy the given question figure. So, option (a) is correct.

176. Select the figure from given options which is complete the given pattern below.

RRB JE : 29/05/2019 (Shift-II)

Ans. (d) : The shape of option (d) will satisfy the given question figure. So, option (d) is correct.

177. Select the figure from given options which is complete the given pattern below.



RRB JE : 23/05/2019 (Shift-I)

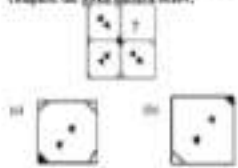
Ans. (c) : Option figure (c) will complete the pattern. So, option (c) is correct.

178. Select the figure from given options which is complete the given pattern below.

RPF SI (12.12.2018 Shift - I)

Ans. (a) : The pattern of the given figure will complete the shape of option (a).
Hence, option (a) is correct.

179. Select the figure from given options which is complete the given pattern below.

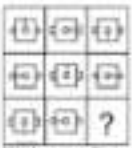


(c) (d)

RRB JE - 26/05/2019 (Shift-I)

Ans. (a) : Option figure can not complete the given pattern. So, option (a) is correct.

108.



Which answer figure will come in the blank space of question figure.

(a) D (b) C
(c) A (d) B

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (d) : According to the rule of the above question, Figure B is the appropriate figure in the place of question mark. Hence option (d) is correct.

Type - 4

101. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 12 (b) 8
(c) 13 (d) 11

RRB NTPC 17.01.2021 (Shift-I) Stage Ist

Ans. (d) : According to the question,

$\square + \square + \square = 3$ Rectangle $= 12$

Value of one rectangle $= \frac{12}{3} = 4$

$\bigcirc + \bigcirc + \bigcirc = 3$ Pentagon $= 15$

Value of one pentagon $= \frac{15}{3} = 5$

And $\bigcirc + \bigcirc + \bigcirc = 3$ circle $= 6$

Value of one circle $= \frac{6}{3} = 2$

Then, $\square + \square + \bigcirc = 4 + 5 + 2 = 11$

102. What will be come in the place of question mark from following options?

R_1	R_2	R_3
B_1	B_2	B_3
N_1	N_2	N_3

(a) R_3 (b) B_3
(c) B_2 (d) R_2

RRB NTPC 29.04.2016 (Shift - I)

Ans. (b) : Row wise, Col wise, Diagonal wise,

Hence, B_3

103. What will be come in the place of question mark from following options?

A_1	B_1	M_1
A_2	?	P_2
N_3	V_3	Y_3

(a) M_2 (b) L_2
(c) M_3 (d) N_2

RPF SI 04.12.2019 (Shift - I)

Ans. (a) : Row wise, Col. wise, Diagonal wise,

Hence, M_2

104. Study the given pattern carefully and select the letter that can replace the question mark (?) in it.

N	R	V
Q	M	?
P	T	X
O	K	U

(a) Z (b) R
(c) T (d) N

RRB NTPC 11.02.2021 (Shift-I) Stage Ist

Ans. (c) : In first row, R → +3 → U, → +3 → V

In second row, Q → +3 → M → +3 → T

In third row, P → +3 → T → +3 → X

In fourth row, O → +3 → K → +3 → U

Hence, T

105. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

(a) 9 (b) 36
(c) 12 (d) 15

RRB NTPC 08.04.2021 (Shift-II) Stage Ia

Ans. (c) : As per question,

∴ Side of outer figure = side of inner figure + 1

In first figure, 5 = 4 + 1 = 2(4 + 1)
= 21

In second figure, 6 = 4 + 1 = 2(4 + 1)
= 21

In third figure, 3 = 5 + 1 = 2(5 + 1)
= 36

In fourth figure, 4 = 3 + 1 = 2(3 + 1)
= 8

Hence, = (c)

106. Select the number from among the given options that can replace the question mark (?) in the following series.
D4R12MEV12P?

(a) 7 (b) 24
(c) 28 (d) 19

RRB NTPC 20.01.2021 (Shift-II) Stage Ia

Ans. (b) : The given series is as follows:

Hence, = (b)

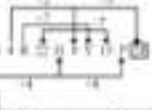
107. Study the given grid carefully and select the option from among the given option that can replace the question mark (?).

R_{11}	T_{12}	H_{13}
K_{21}	S_{22}	$?_{23}$
T_{31}	M_{32}	E_{33}

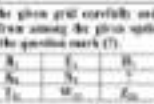
(a) P_{23} (b) R_{23}
(c) Q_{23} (d) U_{23}

RRB NTPC 01.02.2021 (Shift-II) Stage Ia

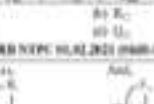
Ans. (c) : First we,



And,



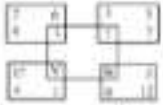
Now we,



∴ 7 + 7 = 24
7 = 17

Hence, = (c)

108. Study the given pattern carefully and select the letter that can replace the question mark (?) in it.



(a) M (b) O
(c) N (d) Q

RRB NTPC 09.02.2021 (Shift-I) Stage Ia

Ans. (a) : First we,

2 + 8 + 6 = L

12 = L (Place value in alphabet)

And,

17 + 4 + 1 = V

22 = V (Place value in alphabet)

And,

6 + 12 + 1 = N

21 = N (Place value in alphabet)

Similarly

7 + 5 + 1 = ?

13 = ?

M = ? (Place value in alphabet)

109. Fill in the blanks.

2 E___C___7 F G___8 H___4___H

(a) B, 5 4, E, 9 (b) B, 6 9, E, 10
(c) B, 4 5, E, 9 (d) B, 6 4, E, 9

RRB Group-D – 16/11/2018 (Shift-II)

Ans. (d) : 2 7 B E 5 7 F G 4 9 H E 6 9 H

Here the series has been formed by writing the number of places of the first letter and the letter after it.

110. P3HMENQ%WG/NHTXY100

Find the missing term using the above sequence.

M9% : %XM : : WXp:____?

(a) EQ9 (b) E4Q
(c) E4 2 (d) 5 4 E

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a) : First we, Similarly,

M —→ %, W —→ X%
% —→ X, X —→ 4
% —→ M, Q —→ 2

In the given sequence, '→' sign has been used for moving right and '←' sign for moving left.

06.

Direction Test

Type - I

1. Q started from a point and walked towards the south for 42 m, then from there he turned right and walked 2 m. Then he turned right again and walked 38 m and then turned left and walked 10 m. In which direction is Q facing now? (All turns are 90 degree turns only)

(a) North (b) East
(c) South (d) West

RRB Group-D 19-08-2022 (Shift-I)

Ans. (d) : According to the question,

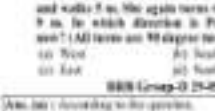
Hence, it is clear from diagram that Q is facing west direction now.

2. Priyanka walks 9 m towards the south. She turns left and walks 7 m. Then she turns right and walks 5 m. She again turns right and walks 9 m. In which direction is Priyanka facing now? (All turns are 90 degree turns only)

(a) West (b) South
(c) East (d) North

RRB Group-D 29-08-2022 (Shift-I)

Ans. (a) : According to the question,

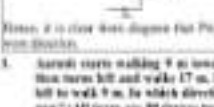


Hence, it is clear from diagram that Priyanka is facing west direction.

3. Suresh starts walking 9 m towards the north, then turns left and walks 17 m. He again turns left to walk 9 m. In which direction is he facing now? (All turns are 90 degree turns only)

(a) East (b) West
(c) North (d) South

Ans. (d) : According to the question,



Hence, it is clear from the diagram that Suresh is facing south direction.

4. To reach point Q from point S, a person has to walk 85 m towards the west. He must he take a right turn and walk 240 m. He must take another right turn and walk 147 m. He must take another right turn and walk 240 m to reach the destination. How far and in which direction is point Q from point S? (All turns are 90 degree turns only).

(a) 59 m, East (b) 59 m, West
(c) 68 m, West (d) 68 m, East

RRB Group-D 30-08-2022 (Shift-I)

Ans. (d) : According to the question,

Hence, it is clear from above figure that point Q is 68m, far in east direction from S.

5. Sapna went 2 km straight from her office in the west direction then took a right turn and travelled 4 km. She again turned right and travelled 5 km and then turned left and reached home after travelling 1 km. Which direction was she facing when reached home?

(a) East (b) West
(c) South (d) North

RRB Group-D 14-09-2022 (Shift-I)

Ans. (d) : According to the question,

Hence, Sapna was facing in the north direction.

6. Ajay is driving in the east direction of covers a distance of 2.5 km and then takes a turn in the left direction and travels a distance of 3 km. Further, he turns in the right and travels a distance of 4.5 km. Finally, he turns to his right and travels a distance of 3 km. How far is from the starting point? (All turns are 90 degree turns only)

(a) 9 km (b) 7 km
(c) 6 km (d) 5 km

RRB Group-D 19-08-2022 (Shift-III)

Ans. (b) : Ajay's travelling diagram is as following:

$CD = CA + AD$

$= 2.5 + 4.5$

$= 7$ km

7. Rita was taking a morning walk. She started from a point and walked 50 m towards east. She then takes a right turn walks 30 m, again turns right, and walks 50 m. She takes a final left turn, walks 10 m and stops. How far is she from the original starting point?

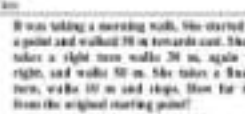
(All turns are 90 degree turns only)

(a) 20 m (b) 30 m

(c) 40 m (d) 50 m

RRB Group-D 24-08-2022 (Shift-I)

Ans. (a) : According to the question,



Hence, she is 40m far away from the starting point.

8. Shalika walked 15 km towards south from her house, then she towards east and covered a distance of 10 km. She then turned north and covered a distance of 15 km. Finally turning west, she covered a distance of 15 km. In which direction is she from her house now?

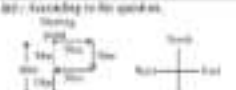
(All turns are 90° turns only)

(a) North-east (b) North-west

(c) South-west (d) South-east

RRB Group-D 20-09-2022 (Shift-II)

Ans. (a) : According to the question,



Hence, Shalika is in North-West direction from her house now.

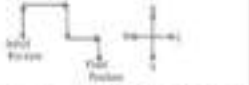
9. Amit starts moving in the north direction from his initial position. Before reaching his final destination, he turns two times right and one time left and again one time right. In which direction is he moving now? (All turns are 90 degree turns only)

(a) North (b) South

(c) East (d) West

RRB Group-D 20-09-2022 (Shift-II)

Ans. (b) : According to the question,



Hence, It is clear from above diagram that Amit is moving in 'South' direction.

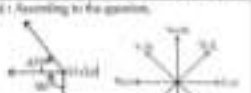
10. Vishal is standing in a park facing the north direction. He then turns 90° clockwise on the same point. After that, he turns 45° clockwise. In which direction is he facing now?

(a) North-west (b) South-east

(c) North-east (d) South-west

RRB Group-D 24-08-2022 (Shift-III)

Ans. (a) : According to the question,



Hence, It is clear that Vishal is facing now in North-west direction.

11. Sujata is standing in a park facing the east direction. She then turns 135° anticlockwise. After that, she turns 90° anticlockwise. Then, she turns 45° clockwise. In which direction is she facing now?

(a) East (b) West

(c) South-west (d) North-west

RRB Group-D 24-08-2022 (Shift-III)

Ans. (b) : According to the question,

Hence, It is clear that she is facing now in 'West' direction.

12. Sheela was standing facing the morning sun. She started walking towards the morning sun and turned to her right side, where she walked for few minutes and then turned left and walked for 3 m and stopped. In which direction is Sheela facing right now?

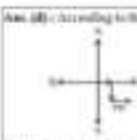
(All turns are 90 degree turns only)

(a) North (b) West

(c) South (d) East

RRB Group-D 23-08-2022 (Shift-II)

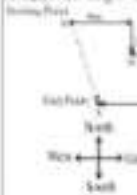
Ans. (d) : According to the question,



Hence, it is clear from above diagram that Sharlo is facing now in east direction.

13. **Anil starts walking from point K. He walks 30 m towards the east, turns right and walks for 20 m to reach point M. He then takes a left turn. Walks for 10 m, takes a right turn and walks for 20 m to reach point R. He finally takes a right turn and walks for 50 m to reach point X.**
In which direction is point X with respect to point K?
(a) West (b) South-East
(c) North-East (d) South
RRB NTPC (Stage-II) – 12/06/2022 (Shift-I)

Ans. (b) : According to the question,



It is clear from above diagram that point X is in South-East direction with respect to point K.

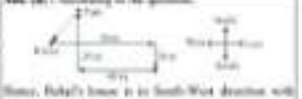
14. **Rohan started from his home to go to his school. He went 100 meters towards the South then turned towards the West and walked 90 meters. He then turned right and walked 50 meters and finally he turned to his right and walked 100 meters to reach his school. In which direction is his home from the school? (All turns are 90° turns only)**
(a) North-east (b) South-east
(c) North-west (d) South-west
RRB NTPC (Stage-II) – 14/06/2022 (Shift-I)

Ans. (c) : According to the question,

Hence, it is clear from above diagram that Rohan's house is North-west direction from school.

15. **Rahul started from his home to go to park. He went 50 meters towards the East, then turned toward the South and walked 20 meters. He then turned right and walked for 40 meters. Finally, he turned to his right and walked 20 meters to reach the park. In which direction is his house from the park?**
(All turns are 90° turns only)
(a) South-east (b) North-east
(c) North-west (d) South-west
RRB NTPC (Stage-II) – 14/06/2022 (Shift-II)

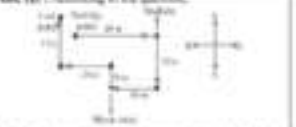
Ans. (d) : According to the question,



Hence, Rahul's house is in South-West direction with respect to the park.

16. **Rowa runs 40 m towards East to reach a stadium. She then turns right and runs 20 m. Then she turns right and runs another 50 m to reach a music room. Again, she turns right and runs 30 m. After this, she turns left and runs 24 m, and finally she turns right and runs 12 m. In which direction is Rowa facing now? (All turns are 90° turns only)**
(a) North (b) South
(c) West (d) East
RRB NTPC (Stage-II) – 16/06/2022 (Shift-II)

Ans. (d) : According to the question,



Hence, it is clear from the above diagram that Rowa is facing in South direction.

17. **Martin starts walking from his house in east direction. He walks 10 m takes a left and walks 12 m. Next he takes a right turn and walks 3 m . Then he turns left and walks 3 m. He again turns left and walks 5 m towards which direction is he moving now? (All turns are 90° turns only)**
(a) North (b) South
(c) West (d) East
RRB NTPC (Stage-II) – 16/06/2022 (Shift-III)

Ans. (c) : According to the question,

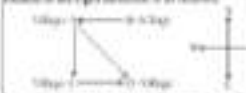
Hence, it is clear from above diagram that he is moving towards west direction.

18. If village A is located to the west of village B, village C is to the south of village A and village D is to the east of village C, then in which direction is village D located with respect to village A?

(a) North (b) South- East
(c) East (d) North-East

RRB NTPC (Stage-II) – 17/08/2022 (Shift-I)

Ans. (b) : The correct order in which the villages are located in the right direction is as follows:



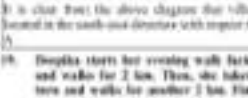
It is clear from the above diagram that village D is located in the south-east direction with respect to village A.

19. Deepika starts her evening walk facing north and walks for 2 km. Then, she takes a right turn and walks for another 2 km. Finally, she takes a left turn and walks for another 3 km. Which direction is she facing now? (All turns are 90° turns only)

(a) North (b) South
(c) West (d) East

RRB NTPC (Stage-II) – 17/08/2022 (Shift-III)

Ans. (a) : According to the question,



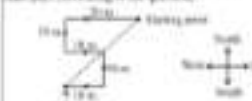
Hence, it is clear from above diagram that Deepika is facing towards north direction.

20. Awadh walks 20m towards West. Then, he turns to his left and walks 10m. Then, he again takes a left turn and walks 10m. Now, he takes a right and again walks 10 m. Finally, he takes a right turn and stops after walking 10 m. In which direction is the stopping point with respect to the starting point? (all turns are 90° only)

(a) South-east (b) South-west
(c) North-west (d) North-east

RRB NTPC (Stage-II) – 24/08/2022 (Shift-I)

Ans. (b) : According to the question,



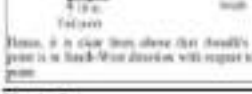
Hence, it is clear from above that Awadh's stopping point is in South-West direction with respect to starting point.

21. Rekha, from point A, walks 41 m towards the west. She takes a right turn and walks 84 m. She takes a right turn again and walks 92 m. Again, she takes a right turn and walks 84 m. She takes a right turn again and walks 19 m to reach point B. How far and in which direction is point B from point A? (All turns are 90 degree turns only)

(a) 38 m, West (b) 32 m, West
(c) 32 m, East (d) 38 m, East

RRB Group-D – 29/08/2022 (Shift-III)

Ans.(c) : According to the question,



Hence, it is clear from diagram that point B is 32 m far in east direction from point A.

22. Veronica started from a point and walked 25 m towards the west, she then turned right and walked for 5 m. From there she turned right and walked for 15 m, turned right again, and walked for 5 m. Which side should she turn now and how much distance should she walk for in order to reach the starting point?
(All turns are 90 degree turns only)

(a) Right, 30 m (b) Right, 15 m
(c) Left, 30 m (d) Left, 15 m

RRB Group-D – 29/08/2022 (Shift-III)

Ans.(c) : According to the question,

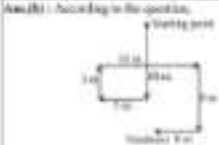
Hence, it is clear from above diagram that Veronica should turn left and walk 30 m to reach her starting point.

23. Vaishnavi starts walking towards the south. She walks 10 m, turns right and walks 5 m. She then turns right and walks for 3 m. Next, she again turns right and walks 10 m. Again, she takes a right and walks 8 m. Finally, she again turns right and walks 6 m. In which direction is she facing now? (All turns are 90 degree turns only)

(a) South (b) West
(c) North (d) East

RRB Group-D – 26/08/2022 (Shift-III)

Ans.(b) : According to the question,



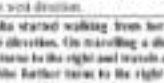
Hence, it is clear from above diagram that Vaishnavi is facing now west direction.

24. **Rekha started walking from her office in the west direction. On travelling a distance of 5 m, she turns to the right and travels a distance of 2 m. She further turns to the right and travels a distance of 7.5 m. She then turns right at 135° and travels a distance of 15 m. In which direction is she facing now ?**

(a) South (b) North
(c) North-West (d) South-West

RRB Group-D– 06/10/2022 (Shift-II)

Ans.(d) : According to the question,



Hence, Rekha is facing now south-west direction.

25. **While returning home from school Hans misdirected from his way. From school he first walked for 1 km towards the south and then turned left and walked for 2 km. From there, he turned towards the left and further walked for 3 km. Finally he again turned to his left and walked for 1 km to reach his home. In which direction is his home from school?**
(All turns are 90 degree turns only)

(a) South (b) West
(c) East (d) North

RRB Group-D– 03/09/2022 (Shift-III)

Ans.(b) : According to the question,

Hence, it is clear from diagram that direction of his home is east from school.

26. **Tarun drives 05 km towards the east to reach city park. Then she turns right and drives another 05 km, then turns left and drives another 03 km to reach the metro station. In which direction is she facing now? (All turns are 90 degree turns only)**

(a) South (b) East
(c) West (d) North

RRB Group-D– 18/09/2022 (Shift-III)

Ans.(b) : According to the question,

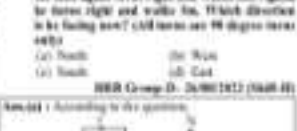
It is clear from diagram that Tarun is facing now East direction.

27. **Suraj starts walking his towards the east, then turns left. He walks 5m, turns right and again walks 5m. Then he turns right and walks 8m. He then again turns right and walks 5m. Again, he turns right and walks 5m. Which direction is he facing now? (All turns are 90 degree turns only)**

(a) South (b) West
(c) South (d) East

RRB Group-D– 26/08/2022 (Shift-II)

Ans.(d) : According to the question,



Hence, Suraj is facing North direction in the End.

28. **Jyoti covered a distance of 5 km in a particular direction and then turned to her right. She further travelled 1 km and thereafter she turned to the left and walked 3 km and then finally she turned to right and walked in the north direction. In which direction was she facing when she started her journey? (All turns are 90 degree turns only)**

(a) South (b) North
(c) West (d) East

RRB Group-D– 23/09/2022 (Shift-III)

Ans.(c) : According to the question,

It is clear from diagram that she started her journey from West direction.

29. **Harbhajan is walking in the south direction and after covering a distance of 5 m, he takes a turn to the left and further walks a distance of 3 m. Finally, he turns to his right and walks a distance of 5 m. In which direction is Harbhajan facing now? (All turns are 90 degree turns only)**

(a) South (b) East
(c) West (d) North

RRB Group-D– 20/09/2022 (Shift-II)

Ans. (d) : According to the question,

It is clear from diagram that Harbhajan now is facing south direction.

Hence, option (d) is correct.

30. Rohini walked for 2 kilometers on a straight road, facing North. Then she took a right turn and walked for 1 kilometer. Then she again took a right turn and walked 2 kilometers. In which direction is she facing now? (All turns are 90 degree turns only)

(a) South (b) East

(c) West (d) North

RRB Group-D- 20/09/2022 (Shift-I)

Ans. (a) : According to the question,

It is clear from diagram that Rohini is facing south direction now.

Hence, option (a) is correct.

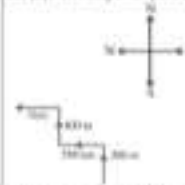
31. Rajan started from a point and walked a distance of 200m towards to north. He then turned left and walked 300 m, turned right and walked 400 m, and then turned left and walked 1 km. In which direction is Rajan facing now? (All turns are 90 degree turns only)

(a) South (b) West

(c) East (d) North

RRB Group-D- 17/08/2022 (Shift-I)

Ans. (b) : According to the question,



Hence, it is clear from the above diagram that Rajan is facing now west direction.

32. Five friends P, M, Q, S and J have their shops in the same market. P's shop is to the north of M's shop, which is to the west of Q's shop, which is to the west of S's shop. S has his shop to the north of J's shop. Because of some reasons, M and J have exchanged their shops. What is the direction of J's shop with respect to P's shop now?

(a) West (b) East

(c) South (d) South-East

RRB Group-D- 20/09/2022 (Shift-III)

Ans. (c) : According to the question,

On exchanging the position of M and J, we have:

Thus, J's shop is in South direction with respect to P' shop. Hence, option (c) is correct.

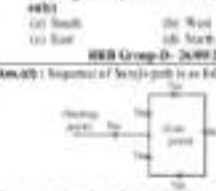
33. Suraj starts walking 8 m towards the east, then turns left, He walks 5 m, turns right and again walks 3 m. He turns right and walks 8 m. He then again turns right and walks 9 m. Again, he turns right and walks 3 m. Which direction is he facing now? (All turns are 90 degree turns only)

(a) South (b) West

(c) East (d) North

RRB Group-D- 26/09/2022 (Shift-II)

Ans.(d) : Sequence of Suraj's path is as follows:



Hence, it is clear from diagram that Suraj is facing now north direction.

34. Preeti is walking towards the south and after covering some distance, she turns to her left, then takes a turn towards the right, and finally takes a left turn. In which direction is she going now? (All turns are 90 degree turns only)

(a) North (b) East

(c) South (d) West

RRB Group-D- 18/09/2022 (Shift-I)

Ans. (b) : According to the question,

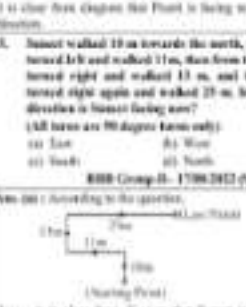
It is clear from diagram that Preeti is facing west now.

35. Sumeet walked 10 m towards the north, then he turned left and walked 15 m, then from there he turned right and walked 15 m, and then he turned right again and walked 25 m. In which direction is Sumeet facing now?
(All turns are 90 degree turns only)

(a) East (b) West
(c) South (d) North

RRB Group-D - 17/08/2022 (Shift-I)

Ans. (a) : According to the question,



Hence, it is clear from diagram that Sumeet is facing now East direction.

36. Mahesh was facing east when he started from home. He took two right turns and one left turn to reach his school. In which direction, is he facing after reaching his school?

(a) North (b) South
(c) West (d) East

RRB NTPC 25.01.2021 (Shift-I) Stage Ist

Ans. (b) : According to the question,

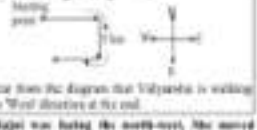
From the given figure, it is clear that Mahesh is in South direction after reaching at the school.

37. During his morning walk Vidyasagar walks some kilometer towards the sun, after some time, he turns to his right and walks 5 km. He turns right again and continues to walking. Finally he which direction is Vidyasagar walking?

(a) East (b) South
(c) North (d) West

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question,



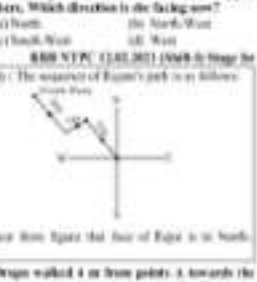
It is clear from the diagram that Vidyasagar is walking towards West direction at the end.

38. Rajni was facing the north-west. She moved 5m, turned left and walked 3 m. Then she turned right and walked 8 m and stopped there. Which direction is she facing now?

(a) North (b) North-West
(c) South-West (d) West

RRB NTPC 12.02.2021 (Shift-I) Stage Ist

Ans. (b) : The sequence of Rajni's path is as follows



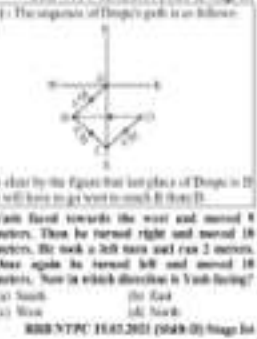
It is clear from figure that face of Rajni is in South-West.

39. Deepa walked 4 m from points A towards the south-west and reached point B. Then she turned south-east and walked same distance to reach point C, and then she turned towards the north-east and walked 4m to reach Point D. Which direction does she need to turn to move towards Point B?

(a) North-west (b) East
(c) West (d) South-east

RRB NTPC 12.02.2021 (Shift-I) Stage Ist

Ans. (c) : The sequence of Deepa's path is as follows



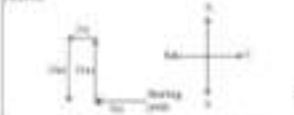
So, it is clear by the figure that last place of Deepa is D and she will have to go west to reach B from D.

40. Vani faced towards the west and moved 8 meters. Then he turned right and moved 10 meters. He took a left turn and ran 2 meters. Once again he turned left and moved 10 meters. Now in which direction is Vani facing?

(a) South (b) East
(c) West (d) North

RRB NTPC 19.03.2021 (Shift-II) Stage Ist

Ans. (a) : According to the question, path of Yash is as follows:



So, it is clear from the diagram that Yash is facing towards South now.

41. After coming out of her home Sneha crossed a road. On reaching the other side, she turned to the right and went straight. If she is now facing South, then before crossing the road, which direction was she facing?

(a) South (b) North
(c) West (d) East

RRB Group-D – 09/12/2018 (Shift-II)

Ans. (d) : The path of Sneha is as follows:

From the diagram, it is clear that she was facing East direction before crossing the road.

42. Sunder walks 4 km towards east. Then he turns right and walks 2 km. Again he turns right and continues walking. Which direction is he going now?

(a) North (b) West
(c) South (d) East

RRB Group-D – 23/09/2018 (Shift-I)

Ans. (b) : Sunder's walking order is as follows:

It is clear from diagram that Sunder is now going to 'West' direction.

43. Shivam goes to the grocery store on the right near her home. The entrance of her home is on the east side. After entering in the shop she turns to her right and walks towards a corridor containing fresh product. In which direction is she going?

(a) West (b) South
(c) North (d) East

RRB Group-D – 20/09/2018 (Shift-II)

Ans. (a) : According to the question,

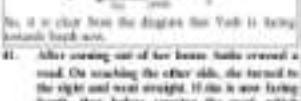
Hence, she is going in the west direction.

44. Preantha goes in the north direction, and then turns right and again it turns right and then turns left. Now in which direction is Preantha going?

(a) East (b) West
(c) South (d) North

RRB Group-D – 05/10/2018 (Shift-II)

Ans. (a) : The path sequence of Preantha is as follows:



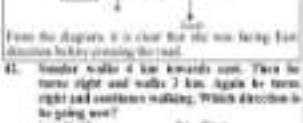
Hence, Preantha is going in the east direction.

45. Parami is walking towards south. Then she turns left and walks 5 km, she again turns left and continues walking. Which direction is she walking now?

(a) West (b) North
(c) South (d) East

RRB Paramedical 20.07.2019 (Shift – II)

Ans. (b) : The walking path of Parami is as follows:



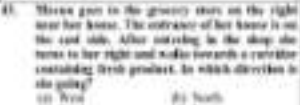
It is clear from the above figure that Parami is going in the North direction.

46. Ananya crossed a road after leaving her home. By reaching the other side of the road, she turned left and straightened. If she is now in the west direction, then what direction was she before crossing the road?

(a) South (b) North
(c) East (d) West

RRB Group-D – 16/10/2018 (Shift-III)

Ans. (b) : Path of Ananya is as follows:



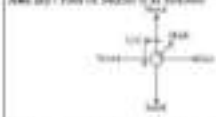
Therefore, it is clear that Ananya was in the North direction before crossing the road.

47. Vineeth takes his dog on a walk. He turns left at a crossroads and walks south. In which direction was he moving before turning to the left?

(a) South (b) North
(c) West (d) East

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (c) : Path of Murali is as follows



Hence, it is clear from the picture that Murali was walking towards West before turning to the left.

48. Mr. Z stand facing towards East. They turn left and walk 5 km and reach point A. Then they turn left and walk 4 km and reach point B. Then they turn right and walk 3 km and reach point C. Finally turn right and walk 10 km and reach point D. Which direction is Mr. Z facing at point D.

(a) North (b) South

(c) West (d) East

RRB Group-D – 24/10/2018 (Shift-3)

Ans. (a) : The path of Mr. Z is as follows

So, it is clear that at point D, Mr. Z is facing West.

49. Mr. Z stand facing towards east. They turn left and walks 5 km and reach point A. Then they turn left and walk 4 km and reach point B. Then they turn right and walk 3 km and reach the point C.

Then they turn right and walk 10 km and reach the point D. Now which direction is Mr. Z's face at point D.

(a) North (b) South

(c) West (d) East

RRB Group-D – 26/10/2018 (Shift-1)

Ans. (d) : According to the question,

So, Mr. Z is facing in East direction.

50. Mr. X starts marathon race from point A. He runs 5 km in North and reach at point B, then turns right and runs 4 km and reach at point C again turns right and runs 8 km and reach at point D, again turn right and runs 10 km and reach at point E, again turn right and runs 6 km and reach at point F, then turn right and runs 1 km and reach at point G, again finally right turn and runs 3 km and reach at point H. Now which direction is Mr. X's face at point F?

(a) South (b) North

(c) West (d) East

RRB Paramedical 20.07.2019 Shift : 1

Ans. (b) : Direction of Mr. X is as follows

Thus, it is clear from the diagram that at point F, the face of Mr. X is in the North direction.

51. Mr. X runs in marathon starting from point A. He runs 5 km in North direction and reaches at point B, then turns right and runs 4 km and reaches at point C, then turns right and runs 8 km and reaches at point D, then turn right and runs 10 km and reaches at point E, then turn right and runs 6 km and reaches at point F, then turn right and runs 1 km and reaches at point G, then turns right and runs 3 km and reach at point H.

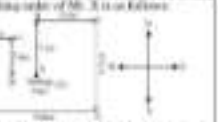
If Mr. X turns to the right from point E, then which of the following direction is he facing now?

(a) West (b) South

(c) East (d) North

RRB Group-D – 31/10/2018 (Shift-1)

Ans. (d) : Walking route of Mr. X is as follows



As per the image, Mr. X turns to the right from point E, then his face will be towards North.

52. Shyam is facing towards West, he first turns to the right and then to the left. Now which direction is he going?

(a) North (b) South

(c) East (d) West

RPF Constable 17.01.2019 Shift : 1

Ans. (d) : Shyam's walking path is as following

So, it is clear from the picture that Shyam is going towards West in his last position.

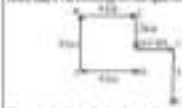
53. A man starts from point O and walks 4 km towards West direction and reach point A, then turns right and walks 4 km and reach point B, he again turns to the right and walks 4 km and reach point C. After that turn right and walks 3 km and reach point D, now he turns to the left and walks 4 km and reach point E, he again turns to the right and walks 3 km and reach point F.

At point B, that man is facing towards _____ direction.

(a) South (b) West
(c) East (d) North

RRB Group-D – 07/12/2018 (Shift-III)

Ans. (d) : According to the question,



Thus, it is clear from above figure that the man is facing towards North direction at point B.

64. Mani is cleaning a gallery, whose entrance is towards the West. While entering the gallery, he starts walking in the opposite direction and then turned to his face towards entrance and started cleaning on his left. In which direction did he started cleaning?

(a) South (b) West
(c) North (d) East

RPF SI 19.12.2018 Shift – I

Ans. (a) : According to the question,

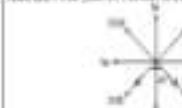
So, he started cleaning in the South direction.

65. Parvati was going towards South-East direction. She turned 90° right and she continued to walk, so what direction was she walking?

(a) North-West (b) South-West
(c) South-West (d) North-East

RRB Group-D – 09/12/2018 (Shift-I)

Ans. (c) : The path of Parvati is as follows:



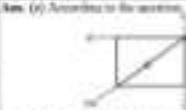
Hence, Parvati was walking towards to South-West.

66. K is facing towards West while entering into a rectangular hall. Then he moves diagonally (On the diagonal) to go to the left corner of the room. Which direction is he moving now?

(a) North-East (b) East-West
(c) South-West (d) South-East

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (c) According to the question,



Hence, K is moving in the South-West direction.

67. After coming out of his home, X crosses a road. On reaching the other side, he turns left and walks straight. If he is now facing West, then in which direction will he be before crossing the road?

(a) South (b) North
(c) East (d) West

RRB Group-D – 03/12/2018 (Shift-III)

Ans. (b) : X's path is as follows:

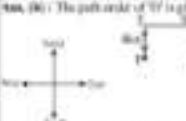
So, he will be in the North direction before crossing the road.

68. From point O, facing towards east, a person travels 2 km to reach point A, then turns right and travels 4 km to reach point B, then turns left and travels 2 km to reach point C, then turns left and travels 8 km to reach point D, then turns left and travels 8 km to reach point E, then turns left and travels 4 km to reach point F. In front of which direction is the person at point F.

(a) West (b) South
(c) North (d) East

RPF SI 19.12.2018 Shift – III

Ans. (b) : The path order of 'O' is given as:



Hence, the person is in front of South direction at point F.

69. Mr. X starts marathon race from point A. He runs 5 km towards North and reach point B, then turns right and runs 6 km and reach point C, then turns right and runs 8 km and reach point D, then turns right and runs 10 km and reach point E. Then turn right and runs 6 km and reach point F, then turn right and runs 3 km and reach point G, then turn right and run 3 km and reach point H. In which direction is Mr. X's face at point H?

(a) South (b) North
(c) West (d) East

RRB Group-D – 10/12/2018 (Shift-II)

Ans. (a) : The path order of Mr. 'X' is as follows

Hence, X's face is in the South direction at point D.

60. Mr. X runs in a marathon starting at point A. He runs 8 km in North direction and reaches point B, then turns right and runs 6 km and reaches point C, then turns right and runs 8 km and reaches point D, then turns and runs 10 km and reaches point E, then turns right and runs 6 km and reaches point F, then turns right and runs 4 km and reaches point G, then turns right and runs 3 km and reaches point H. If Mr. X turns right at point C, then which of the following direction will be in front of him at point G?

(a) North (b) East
(c) South (d) West

RPF Constable 17.01.2019 (Shift - III)

Ans. (b) : Mr. X's path is as follows

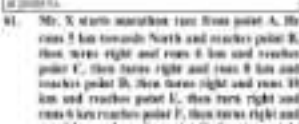
So, It is clear from the picture that when Mr. X turns right from point C, East direction will be in front of him at point G.

61. Mr. X starts marathon race from point A. He runs 5 km towards North and reaches point B, then turns right and runs 6 km and reaches point C, then turns right and runs 8 km and reaches point D, then turns right and runs 10 km and reaches point E, then turn right and runs 6 km reaches point F, then turns right and runs 4 km and reaches point G, then turn right and runs 3 km and reaches point H.
In which direction is Mr. X's face at point H?

(a) South (b) West
(c) North (d) East

RRB Group-D – 05.11.2018 (Shift-I)

Ans. (a) : According to the question,



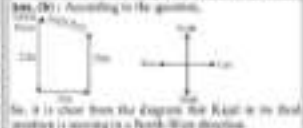
Hence, it is clear from above figure that Mr. X's face is in South direction at point D.

62. Kajal walks 25 m to the south of her home, turns left and goes another 10 m. Then turning to the north, she goes 20 m and then starts walking to her home. In which direction is she walking now?

(a) South-East (b) North-West
(c) East (d) North

RRB Group-D – 05.11.2018 (Shift-III)

Ans. (b) : According to the question,



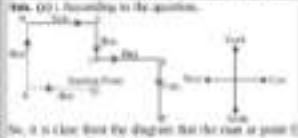
So, it is clear from the diagram that Kajal is in final position is moving in a North-West direction.

63. From point 'O' facing West, a person walks 4 km to reach point A, then from there he walks 4 km to the right and reaches point B, then he walks 4 km to the right and reaches point C, turning to the right. He walks to 3 km of point D, turns left and walks 4 km to reach point E, turns right and walks 3 km to reach point F. The man at point E stands facing the direction

(a) North (b) West
(c) East (d) South

RRB Group-D – 12.11.2018 (Shift-I)

Ans. (a) : According to the question,



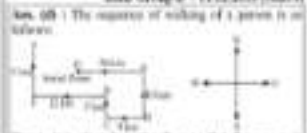
So, it is clear from the diagram that the man at point E facing towards East direction.

64. A person starts from point 'O' and travels 20 km East to reach point A, then he turns to the right and travels 10 km to reach point B then he turns to right and travels 9 km to reach point C. He then turns to the right and travels 5 km to reach point D and then he turns to the left and travels 12 km to reach point E, and finally he turns to the right and travel 4 km to reach point F. In which direction is that person at point F?

(a) North (b) South
(c) East (d) West

RRB Group-D – 12.11.2018 (Shift-I)

Ans. (d) : The sequence of walking of a person is as follows



Hence, it is clear from the diagram that the person is facing west direction at point E.

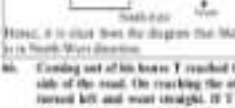
65. **Mallika is showing her friend's framed photo in her room she hold it on the floor.**
The top of the photo is to the West. She starts showing from the south-east corner of the photo and goes directly in the opposite direction through the diagonal. In which direction is her hand now?
(a) East-North (b) West-East
(c) North-West (d) South-West
RRB Group D – 11/12/2018 (Shift-I)

Ans. (c) : According to the question,

Hence, it is clear from the diagram that Mallika's hand is in North-West direction.

66. **Coming out of his house T reached the opposite side of the road. On reaching the other side, T turned left and went straight. If T is in south direction, then from which direction T turns towards North?**
(a) East (b) West
(c) South (d) North
RPF Constable 18.01.2019 Shift – I

Ans. (b) : According to the question,



Hence, 'T' turned towards South direction from West direction.

67. **A Jawan (soldier) walks 2 km towards North direction, then turns left and walks 1 km, again he turns left and walks continuously. In which direction is he moving now?**
(a) South (b) North
(c) West (d) East
RPF SI 24.12.2018 Shift – I

Ans. (a) : According to the question,

Hence, the soldier is now moving in the South direction.

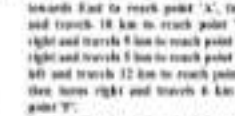
68. **Nina starts cycling in the opposite direction of the sun in the morning. She then turns to the left and after cover a distance of 1 km again turns to the left. Now, in which direction is she facing?**
(a) South (b) North
(c) West (d) East
RRB Group D – 19/09/2018 (Shift-I)

Ans. (d) : According to the question,

So, it is clear from the diagram that Nina is in East direction.

69. **A man starts from point 'O', travels 20 km towards East to reach point 'A', turns right and travels 10 km to reach point 'B', turns right and travels 5 km to reach point 'C', turns right and travels 5 km to reach point 'D', turns left and travels 12 km to reach point 'E' and then turns right and travels 6 km to reach point 'F'.**
In which direction is the man facing now ?
(a) West (b) North
(c) East (d) South
RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (b) : The person's movement path is as follows.



Therefore, it is clear from the diagram that the person facing towards the North direction.

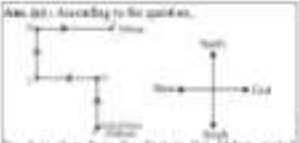
70. **X leaves his house facing west, after driving 100 km in same direction, he turns right and again drives 100 km. Then he turns left and drives 50 km. In which direction is X facing in relation to his starting point?**
(a) South-east (b) South-east
(c) South-west (d) North-west
RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (d) : According to the question,

Therefore, the direction of X is in North-West direction relative to his initial point.

71. **Mohan proceeded some distance and turned left. Then he turns twice to the right. He is facing east. In which direction did he start moving?**
(a) South (b) South-West
(c) North (d) South-East
RRB JE – 30/05/2019 (Shift-III)

Ans. (a) : According to the question,



So, it is clear from the diagram that Mohan started moving in North direction.

72. Ram faces towards the East and Ravi walks towards him, facing Ram. Ravi turns left. Which direction is Ravi facing now?

(a) South (b) South-East
(c) South-West (d) East

RRB JE - 25/05/2019 (Shift-I)

Ans. (a) : According to the question,

So, Ravi is now facing towards South.

73. A person starts walking from a place. After walking one kilometer, he turns left. Then after walking half a kilometer, he again turns left. If he is going towards East, then in which direction did he start walking?

(a) East (b) North
(c) South (d) West

RRB JE - 25/05/2019 (Shift-II)

Ans. (d) : The order of walking of a person is as follows.

So, the person started walking towards West direction.

74. Varun walked 5 km from point A and turned twice to the right and on turning each time, 8 km walked towards West. In which direction did he start from point A?

(a) West (b) East
(c) South (d) North

RRB JE - 02/06/2019 (Shift-II)

Ans. (b): The order of walking of Varun is as follows:

Hence, it is clear that the Varun started walking towards East direction from point A.

75. A morning after sunrise, Kumar was standing in a field facing a towards pole. The shadow of the pole falls on the right side. Which direction was he facing?

(a) West (b) None of the above
(c) East (d) South

RRB JE - 21/05/2019 (Shift-III)

Ans. (d) : According to the question,

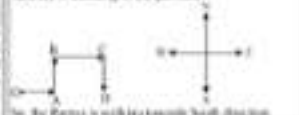
Hence, after sun-rise the morning, the shadow falls towards the west. So, Kumar stands facing towards the South.

76. Ramya walks towards East and turns to her left. She turns twice to the right. In which direction is she moving now?

(a) South-East (b) East
(c) South (d) South-West

RPF Constable 30.01.2019 Shift - III

Ans. (c) : According to the question,



So, the Ramya is walking towards South direction.

Type - 2

77. In the evening, a person was standing such that his shadow was to his left. In which direction was he facing?

(a) West (b) South
(c) North (d) East

RRB Group-D 28-09-2022 (Shift-I)

Ans. (b) : As per the question,

It is clear from the above diagram that the person was facing south direction.

78. If Radha is sitting to the south of Krishna and Rahul is sitting to the east of Krishna, in which direction is Radha sitting with respect to Rahul?

(a) South-West (b) South-East
(c) North-East (d) North-West

RRB NTPC (Stage-II) - 17/08/2022 (Shift-II)

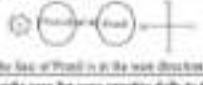
Ans. (a) : According to the question,

It is clear that Rudra is sitting in the south-west direction with respect to Rahul.

79. **One evening, Pratick and Preeti were talking to each other face to face on a terrace. If Pratick's shadow was exactly on the body of Preeti, in which direction was Preeti facing?**
(a) North (b) East
(c) South (d) West

RRB NTPC 27.01.2021 (Shift-II) Stage-I(e)

Ans. (d) : At the time of evening,



Hence, the face of Preeti is in the west direction.

80. **Kavita goes for yoga practice daily to the Rock Garden. The garden is towards the east from her house. From the garden, she goes to her friend Rekha's house, which is towards the east of the garden. In what direction is Kavita's house from Rekha's house?**
(a) West (b) South
(c) East (d) North

RRB NTPC 13.01.2021 (Shift-II) Stage-I(e)

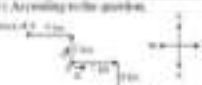
Ans. (a) : According to the question,

Hence, it is clear from the above diagram that Kavita's house is in the west direction from Rekha's house.

81. **Two student A and B are returning back from school, from a point P. A goes 2 km north and turns left and goes for 9 km and reaches home 'B' from point P' moves 7 km in East and then goes to 6 km towards south and then turns left and moves 2 km and reaches Home. In reference to A's house what is the direction of B ?**
(a) North – West (b) South – East
(c) South – West (d) North – East

RRB NTPC 26.07.2021 (Shift-II) Stage-I(e)

Ans. (b) : According to the question,

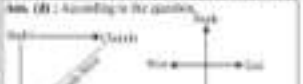


Hence, it is clear from the diagram that B's house is in the South-east direction with respect to A's house.

82. **If Amar is to South of Rudri and Chanda is to East of Rudri, In which direction is Amar with respect to Chanda?**
(a) South-East (b) South-West
(c) North-East (d) North-West

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (d) : According to the question,

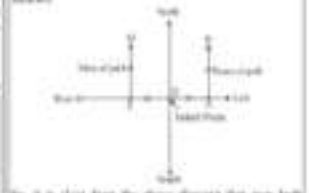


So, from the diagram it is clear that Amar is in South-West direction with respect to Chanda.

83. **Nami and Nina start cycling early in the morning in the opposite direction to each other. Nami goes in the direction of Sun. After sometime, Nami turns left and Nina turns right. Now they are travelling parallel to each other. In which direction are they travelling?**
(a) West (b) South
(c) East (d) North

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (d) : According to the statement, path is as follows:

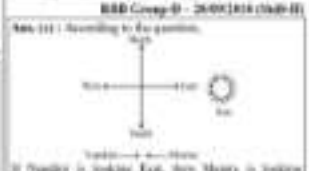


So, it is clear from the above diagram that now both Nina and Nami are travelling towards North.

84. **Mamta and Nandini are playing chess in the morning. If Nandini is looking towards the east be while she is playing, in which direction is Mamta looking?**
(a) East (b) South
(c) West (d) North

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (c) : According to the question,



If Nandini is looking East, then Mamta is looking towards the West direction because both are sitting face to face.

85. Sunder and Prakash are playing carrom. If Prakash's face is in South-East direction, then in which direction is his competitor Sunder's face?

(a) South-East (b) North-East
(c) South-West (d) North-West

RRB Group-D – 08/10/2018 (Shift-I)

Ans.(d) : According to the question,

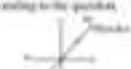
So, it is clear from the diagram that, if Prakash's face is in the South-East direction, then Sunder's face will be in North-West direction.

86. Sunil and Manohar are playing carrom. If Sunil looks towards North-East, then in which direction will his opponent Manohar look?

(a) North-East (b) South-West
(c) North-West (d) South-East

RPF SI 09/01/2019 (Shift-I)

Ans.(b) : According to the question,



Then, when Sunil looks towards North-East direction then Manohar will look towards South-West direction.

87. I and J both are stand facing towards each other. 'I' stands facing towards South-West. Towards which direction is J facing with respect to I?

(a) South-East (b) South-West
(c) East-North (d) North-West

RRB Group-D – 09/10/2018 (Shift-I)

Ans.(a) : According to the question,

So, it is clear from the diagram that J will stand facing towards East-North direction with respect to I.

88. Shakuntala is facing towards East. She is playing chess in the standard chess starting posture with Radha. Which direction is Radha facing now?

(a) North (b) South
(c) West (d) East

RPF Constable 19/01/2019 (Shift-I)

Ans. (c) : In chess game, they are face to face to each other.

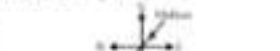
If Shakuntala's face is towards East direction, then Radha's face will be towards West direction.

89. Sarabjit and Mathura playing carrom in the standard sitting position of the game. If Sarabjit is facing north-east direction, then which direction is her competitor Mathura facing?

(a) South-West (b) North-West
(c) South-East (d) North-East

RRB Group-D – 11/10/2018 (Shift-III)

Ans.(a) : According to the question,



Hence, it is clear from the diagram that Mathura is facing in the South-West direction.

90. Naresh and Rajesh are cycling in opposite in direction each other. If Naresh was going in the east direction then in which direction was Rajesh.

(a) West (b) South
(c) East (d) North

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a) : Since Naresh and Rajesh are cycling in opposite direction to each other. So, if Naresh was going in east direction, then Rajesh was going in West direction.

91. A and B go on a cycle tour. They begin the journey facing towards North. After some time A turns to the left and B turns to the right. After covering a distance of one km, A turns twice 90° towards right. In which direction are A and B travelling now?

(a) A : North, B : East (b) A : East, B : East
(c) A : South, B : East (d) A:North, B : West

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (b) : According to the question,

Hence, A and B are travelling in the same direction i.e. towards East.

82. Sangita was facing towards north-west direction. If she was playing carrom with Sudha in the standard sitting pattern, in which direction was Sudha facing.

(a) North-west (b) South-east
(c) South-east (d) South-west

RRB Group-D – 09/11/2018 (Shift-III)

Ans. (a) : According to the question,

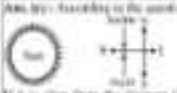
In the game of carrom if Sangita was facing in North-West direction then Sudha will be facing South-East direction.

83. Sachin and Anjali were talking to each other face to face at the railway platform standing before sun-set. If Anjali's shadow was exactly to the left of Sachin, then in which direction Sachin stood facing?

(a) East (b) South
(c) South (d) West

RRB Group-D – 02/11/2018 (Shift-III)
RRB Group-D – 10/12/2018 (Shift-I)

Ans. (b) : According to the question,



If it is clear from the diagram that if Anjali's shadow was to the left of Sachin, then Sachin's face would be towards the South.

84. A stand at the entrance of the mall waiting for his friend to come. He is facing east. After that turns his head to the right to see that his friend has arrived. In which direction is he expecting his friend to come?

(a) West (b) South
(c) North (d) East

RPF SI 05.08.2019 Shift : II

Ans. (b) : According to the question,

Initially he stand facing towards East and turns his head to the right to look at his friend. So, it is clear that his friend is coming from the South direction.

85. Anya and Manya are stand facing to each other. Anya's face is in the North-West. In which direction is Manya's face with respect to Anya's?

(a) North-East (b) South-West
(c) South-East (d) North-West

RRB Group-D – 05/10/2018 (Shift-III)

Ans. (c) : According to the question,

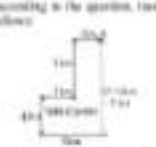
So, it is clear from the diagram that face of Manya with respect to Anya is in the South-East direction.

86. Two workers K and L, start walking from the same point. K walks 5 Km North, then takes a right turn and walk 2 Km. Meanwhile, L walks 3 Km west, a left turn south and walks 4 Km. Finally L takes a left turn and walks 5 Km. Where is K with respect to L?

(a) K is 1 km South of L
(b) K is 9 km North of L
(c) K is 9 km South of L
(d) K is 1 km North of L

RRB ALP CBT-2 Physics & Maths (14-01-2019 (Shift-I))

Ans. (b) : According to the question, travel path of K and L is as follows



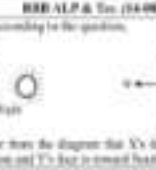
Hence, it is clear from the above diagram that K is 9 km north of L.

87. In the morning, X and Y walk towards each other in a park. When they meet, then Y's shadow falls toward the left side of X. In which direction was X facing?

(a) South (b) West
(c) North (d) East

RRB ALP & Tec. (14-08-18 Shift-III)

Ans. (a) According to the question,



So, it is clear from the diagram that X's face is towards South direction and Y's face is toward North direction.

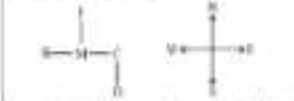
Type - 3

88. Town F is to the north of Town M. Town B is to the west of Town M. Town C is to the east of Town M. Town D is to the south of Town C. What is the position of Town F with respect to Town B?

(a) South-East (b) South-West
(c) North-East (d) North-West

RRB Group-D 14-09-2022 (Shift-II)

Ans. (d) : According to the question,



Hence, it is clear that position of town F is North-east with respect to town D.

99. While playing a game, P is standing to the south of D, who is to the west of A, who is to the north of J. If P exchanges his position with A, then what is the direction of J with respect to g?

(a) South (b) North

(c) West (d) East

RRB Group-D 20-09-2022 (Shift-II)

Ans. (a) : According to the question,

Hence, P is in 'south' direction with respect to P.

100. Town C is in the west of town D. Town E is the south of the mid-point of the line joining C and D. Town F is south-West of C such that F and E are along the same straight line. What is the position of E with respect to F?

(a) South (b) West

(c) East (d) North

RRB Group-D 20-09-2022 (Shift-II)

Ans. (c) : According to the question,

Hence, it is clear from above that the position of 'E' is in 'East' direction with respect to F.

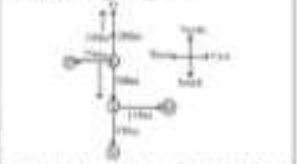
101. Six houses, K, L, M, N, O and P, are located in the same colony. L is 500 m to south of K. P is 250 m to the west of K. O is 200 m to the north of K. N is 150 m to the south of L. M is 250 m to the east of L. In which direction is House O with reference to House L?

(a) West (b) North

(c) South (d) East

RRB Group-D 21-09-2022 (Shift-II)

Ans. (b) : According to the question,



Hence, it is clear from above diagram that O is in 'North' direction of 'L'.

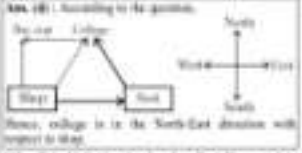
102. A bank is to the east of a shop. A college is to the north-west of the Bank. A bus stop is to the north of the shop and to the west of the college. In which direction is the college with respect to the shop?

(a) North (b) North-west

(c) East (d) North-east

RRB NTPC (Stage-II) – 11/08/2022 (Shift-I)

Ans. (d) : According to the question,



Hence, college is in the North-East direction with respect to shop.

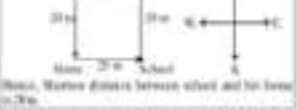
103. Rahul left his school and walked 20 m straight towards the north, turned left and walked straight for another 20 m. He took a final left turn again and walked straight for 20 m to reach home. What is the shortest distance between the school and his home? (All turns are 90° turns only)

(a) 20 m (b) 25 m

(c) 40 m (d) 10 m

RRB NTPC (Stage-II) – 13/08/2022 (Shift-II)

Ans. (a) : According to the question,



Hence, Shortest distance between school and his home is 20 m.

104. Gagangeet started walking towards the north from his school. After walking for 8 metres he turned left and walked further 8 metres to reach his home. In which direction is his school from his home ? (All turns are 90 degree turns only)

(a) South-east (b) South-west

(c) North-west (d) North-east

RRB Group-D– 08/09/2022 (Shift-III)

Ans.(a) : According to the question,

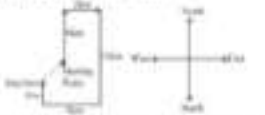
Hence, it is clear from diagram that school of Engineering is in South-East direction from his house.

105. Subhash starts from a bus-stand and travels 6 km towards the north. He then takes a right turn, travels 2 km, turns right and travels 11 km. He then takes a right turn and travels 5 km. He takes a final right turn, travels 3 km and stops at a junction. In which direction is the bus-stand with respect to the junction ? (All turns are 90° turns only.)

(a) North-east (b) North
(c) South-west (d) South

RRB Group-D– 08/09/2022 (Shift-III)

Ans.(a) : According to the question,



Hence, it is clear from diagram that bus-stand is in North-East direction with respect to the junction.

106. Arun starts from his office and drives 5 km towards the east. He then takes a right turns, drives 4 km, turns right and drives 7 km. He then takes a right turn and drives 3 km and stops at a shop. Which direction should he drive now in order to reach his office from that shop? (All turns are 90° turns only)

(a) North (b) North-east
(c) North-west (d) South

RRB Group-D– 29/08/2022 (Shift-II)

Ans.(a) : According to the question,

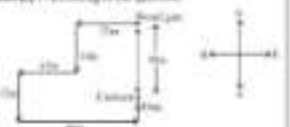
Hence, it is clear from above diagram that Arun should drive in north direction to reach his office.

107. Dev walks 23 m towards the west from his hostel gate. He takes a left turn and walks 34 m. He takes a right turn and walks 45 m. He takes a left turn and walks 32 m. He takes a left turn again and walks 86 m. Again, he takes a left turn and walks 18 m to reach a canteen. How far and in which direction is the canteen from Dev's hostel gate? (All turns are 90 degree turns only)

(a) 30 m, North (b) 16 m, South
(c) 16 m, North (d) 30 m, South

RRB Group-D– 29/08/2022 (Shift-II)

Ans.(d) : According to the question,



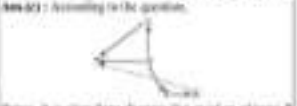
Hence, Canteen is in 30 m, south direction from Dev's hostel gate.

108. Town P is west of town Q. Town P is north-west of town S. Town S is north of town Q. If town R is south-east of town Q and town M is east of town R, then what is the position of town P with respect to town M?

(a) South (b) West
(c) North-west (d) South-west

RRB Group-D– 26/08/2022 (Shift-I)

Ans.(c) : According to the question,



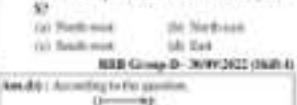
Hence, it is clear from diagram that position of town P is North-West direction with respect to town M.

109. Town S is west of town Y. Town Q is north of X. Town P is east of Q and north-west of Y. What is the position of town P with respect to S?

(a) North-west (b) North-east
(c) South-west (d) East

RRB Group-D– 30/09/2022 (Shift-I)

Ans.(d) : According to the question,



It is clear from diagram that position of town P is in "North-east" direction with respect to town S.

Hence, option (b) is correct.

110. Pole E is to the east of pole B. Pole G is to the west of pole B and north of pole A. Pole E is to the south of pole A. What is the position of pole B with respect to pole A ?

(a) North-East (b) South-East
(c) North (d) North-West

RRB Group-D– 08/09/2022 (Shift-I)

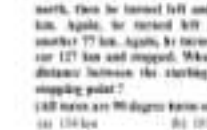
Ans.(a) : According to the question,

So, it is clear from diagram the position of Pole B is North-East direction with respect to Pole A.

111. **Gaibian drove his car for 77 km towards north, then he turned left and drove for 109 km. Again, he turned left and drove yet another 77 km. Again, he turned left, drove his car 127 km and stopped. What is the shortest distance between the starting point and the stopping point ?**
(All turns are 90 degree turns only)
(a) 154 km (b) 19 km
(c) 127 km (d) 109 km

RRB Group-D- 08/09/2022 (Shift-I)

Ans.(b) : According to the question,

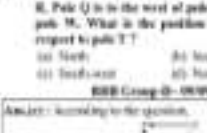


Hence, it is clear from diagram that the shortest distance between the starting point and stopping point = 127 - 109 = 19 km

112. **Pole P is to the west of pole T and north of pole R. Pole Q is to the west of pole R and north of pole M. What is the position of pole R with respect to pole T ?**
(a) North (b) South
(c) South-west (d) North-east

RRB Group-D- 09/09/2022 (Shift-III)

Ans.(c) : According to the question,

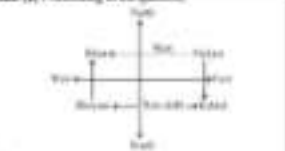


So, it is clear from diagram the position of Pole R is South-West direction with respect to Pole T.

113. **Bhiwani is to the north of Bhiwani, Bhiwani is to the west of New Delhi, Rohtak is to the south of Panipat and to the east of New Delhi. What is the position of Bhiwani with respect to Panipat?**
(a) West (b) South
(c) North (d) East

RRB Group-D- 26/08/2022 (Shift-III)

Ans. (a) : According to the question,

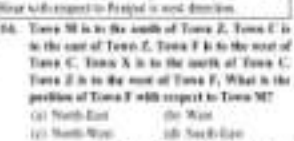


Hence, it is clear from diagram that the position of Bhiwani with respect to Panipat is west direction.

114. **Town M is to the south of Town Z, Town C is to the east of Town Z, Town F is to the west of Town C, Town X is to the north of Town C, Town Z is to the west of Town F, What is the position of Town F with respect to Town M?**
(a) North-East (b) West
(c) South-West (d) South-East

RRB Group-D- 16/09/2022 (Shift-II)

Ans. (a) : According to the question,

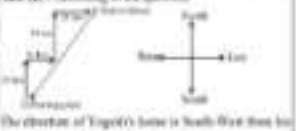


Hence, it is clear from above diagram that position of F is North-east direction with respect to town M.

115. **One morning Yogesh started from his home to visit his sister in another city. He first drove for 20 km towards the north and then turned towards the east and further drove for 10 km. After this he turned towards the north and drove for 30 km. Finally he turned towards the east and drove for 20 km to reach his sister's home. In which direction is his home from his sister's home?**
(a) South-west (b) North
(c) South (d) North-west

RRB Group-D- 13/09/2022 (Shift-I)

Ans. (a) : According to the question,



The direction of Yogesh's home is South-West from his sister's home. Hence, option (a) is correct.

116. Mr. Amardeep started his drive from his office and drove for 8 km towards the south. Then he took a left turn and drove for 15 km to reach city centre. Then he turned 90° in the anti-clockwise direction and drove for 8 km to reach the city palace. From the city palace, he took a left turn and drove for 8 km to reach his home. In which direction is Amardeep's office from the city centre and his home, respectively? (All turns are 90 degree turns only)

(a) South-west and west
(b) North-west and west
(c) North-east and east
(d) South-east and south

RRB Group D- 10/09/2022 (Shift-1)

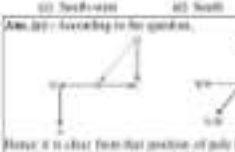
Ans. (b) : According to the question,

Hence, it is clear from diagram that the direction of Amardeep's office from the city centre is North-west and Amardeep's office direction from his home is west.

117. Pole C is to the south of pole D and east of pole B, Pole M is to the west of pole B, Pole A is to the south of pole M. What is the position of pole B with respect to the pole D?

(a) North
(b) South-east
(c) South-west
(d) South

Ans. (a) : According to the question,



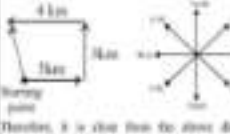
Hence, it is clear from that position of pole B is North-west direction with respect to pole D.

118. After starting from a point, Naveen walks 3 km towards the east. Then turning to his left he moves 5 km. After this he again turns his left and moves 4 km. In which direction is he standing from his starting point?

(a) South-east
(b) North-east
(c) North
(d) South

RRB NTPC 08.01.2021 (Shift-II) Stage-Ist

Ans. (b) : According to the question,



Therefore, it is clear from the above diagram that Naveen is in North-west direction from the starting point.

119. Radha walks a distance of 9m towards the South-East. Then she walks 15 m towards the West. From here, she walks 9 m towards the North-West. Finally she walks 6 m towards the East and stands at the point. How far is she standing from the starting point?

(a) 21 m
(b) 15 m
(c) 10 m
(d) 9 m

RRB NTPC 04.12.2020 (Shift-II) Stage-Ist

Ans. (d) : On drawing the diagram according to the question,

Hence, Radha is now at a distance of 9 m from the starting point.

120. Arun walks 10 yards straight from his house which is facing south and then he walks 20 yards in the reverse direction. Further he takes a left turn and walks 10 yards. In which direction is Arun now from his original position?

(a) South-east
(b) North-west
(c) South-west
(d) North-east

RRB NTPC 09.01.2021 (Shift-II) Stage-Ist

Ans. (a) : Arun's walking sequence is as follows-

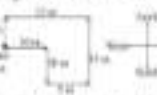
Hence, Arun is facing South-East direction of his original position.

121. A man walks 10 m forward towards the direction of sunrise and then 10 m to his right. After that, every time turning to his left, he walks 5 m, 15 m and 15 m, respectively. What is the likely direction he is in now with reference to his starting point?

(a) East
(b) West
(c) South
(d) North

RRB NTPC 03.01.2021 (Shift-I) Stage-Ist

Ans. (d) : The path of man is as follows-



From the figure, it is clear that the man is in North direction from his initial position.

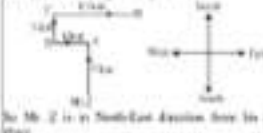
122. Nisha daily goes to play badminton in a playground. The playground is in the south direction from her home. From the playground, she goes to her friend Suman's home that is in the west direction from the playground. From Suman's home, both Nisha and Suman go to a market. The market is in the west direction from Suman's home.
What will be the direction of Nisha's home from the playground?
(a) West (b) East
(c) South (d) North
RRB NTPC 12.03.2021 (Shift-I) Stage I

Ans. (d) : According to the question,

Hence, it is clear from the above diagram that Nisha's home is in the North direction from the playground.

123. Mr. Z who is facing towards East and turns left and after walking 5 km reach point A. Then he reach point B, they turn left and walk 4 km. After that they turn right and travel 3 km and reach at point C. Again turn right and travel 10 km and reach at point D. In which direction is Mr. Z from his starting place?
(a) West (b) South-West
(c) North (d) South-East
RRB Group-D – 30/10/2018 (Shift-I)

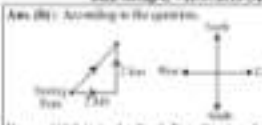
Ans. (d) : According to the question,



So Mr. Z is in South-East direction from his initial place.

124. Akhil walks for a distance of 2 km towards East and then turns left and walks 2 km. In which direction is he from his initial position?
(a) South-East (b) North-East
(c) North-West (d) South-West
RRB Group-D – 20/09/2018 (Shift-III)

Ans. (b) : According to the question,



Hence, Akhil is in the North-East direction from his initial point.

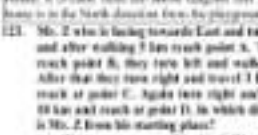
125. Leela walks 3 km towards South, at a cross road she turns left and walks 500m in a cafe in the front of the road. In Which direction is she in relation to her initial position.
(a) South-East (b) North-West
(c) North-East (d) South-West
RRB Group-D – 20/09/2018 (Shift-III)

Ans. (a) : According to the question,

So, it is clear from the diagram that Leela is in South-East direction in relation to her initial position.

126. A stands facing East. B stands 750 m far in West of A. There is a pillar at 500 m to right of A. In which direction is the pillar with respect to B's position?
(a) North-West (b) South-East
(c) South-West (d) North-East
RRB Group-D – 30/09/2018 (Shift-II)

Ans. (d) : According to the question,



Hence, pillar is in South-East direction with respect to B's position.

127. Mohant walks 2 km towards West. At crossroad he turned left and reached a grocery store. In which direction is grocery store from Mohant's initial position?
(a) South-East (b) North-West
(c) North-East (d) South-West
RRB Group-D – 19/09/2018 (Shift-III)

Ans. (d) : Mohant moving as as follows:

Hence, Grocery store is in South-West direction.

128. Manoj and Pinki leave home for the market. Both first travel 500 meters in the east direction and then turn right and reach at laundry after walking 200 meters. In which direction is the laundry located from their home?
(a) South-East (b) South-West
(c) East-West (d) North-West
RRB Group-D – 20/09/2018 (Shift-I)

Ans. (a) : According to the question,

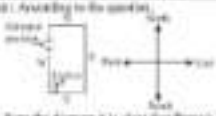
Hence, it is clear from the diagram that laundry is located in the South-East direction from their home.

129. Pinny's house is West facing. On entering her house you will find the kitchen on the right. In which direction is the kitchen located in the context of entrance.

(a) North-West (b) North-East
(c) South (d) South

RRB Group-D – 29/09/2018 (Shift-I)

Ans. (a) : According to the question,



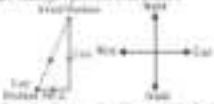
Hence, from the diagram it is clear that Pinny's kitchen is located in the South direction with reference to her entrance.

130. Sukanya walks for a distance of 2 km towards the South and then she turns to the right and walks 500 m. In which direction is she from her initial position?

(a) South-West (b) North-West
(c) South-East (d) North-East

RPF Constable 19.01.2019 Shift : III

Ans. (a) : Sukanya's position is as follows



Hence, from the diagram that Sukanya is in South-West direction from her initial position.

131. Nayan walks 1 km in East. He turned right at a crossroad and walked 500 meters to reach the hospital. In which direction is hospital from the initial position of Nayan?

(a) North-East (b) North-West
(c) South-East (d) South-West

RRB Group-D – 29/09/2018 (Shift-III)

Ans. (a) : According to the question,

From the diagram, it is clear that hospital is in the South-East direction from Nayan's starting point.

132. Andhya walks 500 m towards North and turns left and walks 250 m. In which direction is she with respect to her initial position.

(a) North-West (b) South-East
(c) North-East (d) South-West

RRB Group-D – 30/09/2018 (Shift-I)

Ans. (a) : Walking path of Andhya is as follows

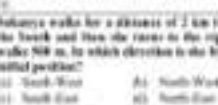
From the diagram, it is clear that Andhya is in North-with respect to her initial position.

133. Shiva walked 4 km from his home towards East and turned towards south and walked 2 km. Finally, he walked 1.5 km towards East. Now in which direction is he from his home?

(a) South-West (b) North-West
(c) South-East (d) North-East

RRB JE – 27/06/2019 (Shift-III)

Ans. (c) : Walking path of Shiva is as follows



Hence, Shiva is in South-East direction of his home.

134. Balaji walks 8 meter straight and then turns left and walks 5 meters. He then turns left and now north is in front of him. Now in which direction is he from the starting point?

(a) North-East (b) South-West
(c) South-East (d) North-West

RPF 02.05.01.2019 Shift : II

Ans. (c) : Walking path of Raj is as follows

Hence, he is in South-East direction from his initial position.

135. Raj walks 10 meter from his home towards North, turns left and walks 25 meter, then turns left walks 40 meter, then turns right and walks 5 meter to reach the school. In which direction is school from his home?

(a) North-West (b) South-West
(c) South-East (d) South-East

RRB JE – 24/06/2019 (Shift-III)

Ans. (b) : According to the question,

Hence, Raghu's school from home will be in South West direction.

136. Raghu walks straight from his home to go to bus stop. After walking some distance, he turned toward left and reached to the bus stop, which is in the East direction. Find the direction of the bus stop from his home.

(a) South-West (b) North-West
(c) North-East (d) South-East

RPF Constable 28.01.2019 Shift : I

Ans. (d) : Raghu's movement path is as follows:

Hence, it is clear from the diagram that the bus stop from Raghu's house is in the South-East direction.

137. Three friends P, Q and R are living in the same area. Q's house is to the east of P's house and R's house is to the South of P's house. What is the direction of R's house with respect to the house of Q?

(a) South-West (b) North-West
(c) South (d) North

RRB JE - 29.05.2019 (Shift-I)

Ans. (a) : According to the question,

Hence, it is clear that the house of 'R' is in the South-West direction with respect to the house of 'Q'.

138. Sat walks 500 m towards South direction and then turns left and walks 200 m. Again he turns left and walks 200 metre. Now in which direction is he from the starting point?

(a) West (b) North
(c) South-East (d) South

RRB JE - 02/06/2019 (Shift-III)

Ans. (c) : Sat's movement path is follows as,

Hence, it is clear from diagram that he is in South-East direction from the starting point.

139. Mukesh was facing the north. He walked 5 km straight and from there he turned at a 90° angle to his right and walked 5 km. Then he turned at a 45° angle to his left and walked 3 km. Where will he be from his actual position?

(a) South-west direction
(b) South-east direction
(c) North-west direction
(d) South-direction

RRB NTPC 28.11.2020 (Shift-I) Stage-Ist

Ans. (a) : According to the question,

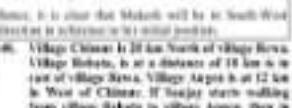
Hence, it is clear that Mukesh will be in South-West direction in reference to his initial position.

140. Village Chinnar is 20 km North of village Rewa. Village Rohata, is at a distance of 10 km is to east of village Rewa. Village Angra is at 12 km in West of Chinnar. If Sanjay starts walking from village Rohata to village Angra, then in which direction is he from his starting point?

(a) South-East (b) North-West
(c) South (d) North

RRB JE - 22/05/2019 (Shift-III)

Ans. (b) : According to the question,



Hence, from the diagram, it is clear that Sanjay is in North-West direction from his initial point.

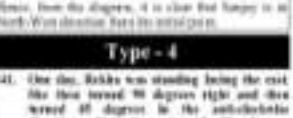
Type - 4

141. One day, Rekha was standing facing the east. She then turned 90 degrees right and then turned 45 degrees in the anticlockwise direction. She then turned 90 degrees clockwise. Which direction is she facing now?

(a) North-east (b) South-west
(c) South (d) North

RRB NTPC (Stage-II) - 13/08/2022 (Shift-II)

Ans. (b) : According to the question,



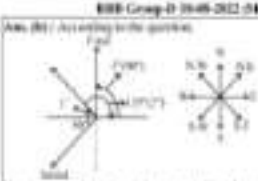
Hence, Rekha is facing South-West direction now.

142. **Umesh is standing facing the south-west direction. He then takes a 90° clockwise turn. After that, he takes a 135° clockwise turn. He finally takes a 90° anticlockwise turn. In which direction is he facing now?**

(a) West (b) South
(c) North-east (d) South-west

RRB Group-D 19-08-2022 (Shift-III)

Ans. (b) : According to the question,



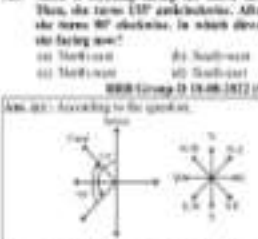
Hence, it is clear from above that Umesh is facing South direction.

143. **Anita is standing facing the north direction. Then, she turns 135° anticlockwise. After that, she turns 90° clockwise. In which direction is she facing now?**

(a) North-east (b) South-west
(c) North-west (d) South-east

RRB Group-D 19-08-2022 (Shift-I)

Ans. (c) : According to the question,



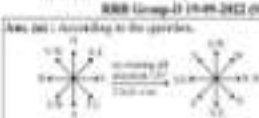
Hence, it is clear from above that Anita is facing in North-west direction.

144. **If all the directions are moved 135 degree clockwise, then which new direction does the original north point to?**

(a) North-East (b) South-West
(c) South-East (d) North-West

RRB Group-D 19-08-2022 (Shift-II)

Ans. (a) : According to the question,



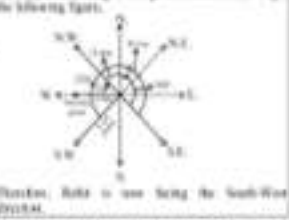
Hence, it is clear that North-east is facing in North direction now.

145. **Rohit walked towards the West and took a turn at 45° in the clockwise direction. He again turned at 180° in the clockwise direction. Finally, he turned 270° in the anti-clockwise direction. In which direction was Rohit facing at last?**

(a) North-West (b) West
(c) South (d) South-west

RRB NTPC (Stage-II) - 17/06/2022 (Shift-I)

Ans. (d) : According to the given information, we get the following figure.



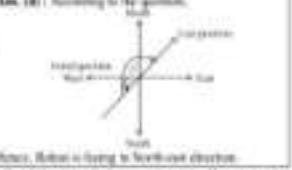
Therefore, Rohit is now facing the South-West direction.

146. **Rohan is facing west. He turns 45 degrees anti-clockwise and then turns 180 degrees towards his right. In which direction is he facing now?**

(a) North (b) South - West
(c) East (d) South - East

RRB NTPC (Stage-II) - 19/06/2022 (Shift-I)

Ans. (d) : According to the question,



Hence, Rohan is facing in South-east direction.

147. **Sohan is facing north-west. He turns 90° clockwise, then 360° anticlockwise and then 90° clockwise. In which direction is Sohan facing now?**

(a) North-west (b) North-east
(c) South-west (d) South-east

RRB Group-D - 16/09/2022 (Shift-II)

Ans. (d) : According to the question,

Hence, Sohan is facing in south-east direction.

148. **A battery operated toy turns 45° clockwise in every 30 seconds. The toy faces West and starts. At the end of 60 seconds, which direction will it face?**

(a) West (b) North
(c) South (d) East

RRB Group-D - 28/09/2018 (Shift-II)

Ans. (b) : As mentioned in the question,

Hence, it is clear that the ray will be facing towards North at the end of 60 seconds.

149. **Shravan is looking towards North-East. First it rotates 45°, then 90° anti clockwise and then turns 180° clockwise. In which direction is he looking now?**
(a) North (b) South
(c) West (d) East

RPF Constable 30.01.2019 Shift : II

Ans. (d) : As mentioned in the question,

Hence, Now he is looking in East direction.

150. **Anil is facing towards East. After that he rotates 90° clockwise and then 135° anticlockwise. Towards which direction is he facing now?**
(a) North-East (b) North
(c) South-East (d) West

RRB Group D – 03/10/2018 (Shift-I)

Ans. (a) : As mentioned in the question,

Hence, Anil is facing North-East direction now.

151. **If Raja stands facing east and he first rotates first 270° clockwise and then rotates 90° anticlockwise then in which direction does he stand facing?**
(a) South (b) West
(c) North (d) East

RPF SI 06.01.2019 Shift : I

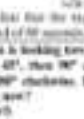
Ans. (b) : As mentioned in the question,

Hence, Raja is facing West direction now.

152. **Nandini's face is towards West. He turns 135° clockwise and then turns 45° anti-clockwise. Now in which direction is his face now?**
(a) South (b) West
(c) North (d) East

RRB Group D – 03/10/2018 (Shift-III)

Ans. (c) : According to the question,

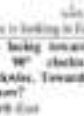


Hence, Nandini's face is towards North direction now.

153. **Suresh stands facing towards East. He rotates 45° anticlockwise and then 270° clockwise. Now in which direction is his face?**
(a) North-East (b) North-West
(c) South-East (d) South-West

RRB Group D – 06/10/2018 (Shift-I)

Ans. (b) : According to the question,

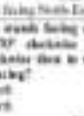


It is clear from the diagram that now, suresh's face is in North-West direction.

154. **Sandhya and Ramani were facing towards East direction. Sandhya turns 45° Anti clockwise and then 135° clockwise direction. How much will Ramani have to turn around to face opposite Sandhya?**
(a) 180° anticlockwise (b) 180° clockwise
(c) 135° anticlockwise (d) 90° anticlockwise

RPF SI 06.01.2019 Shift : II

Ans. (d) : Sandhya and Ramani facing towards East.



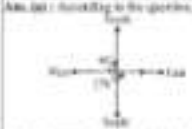
Hence, Sandhya turns 45° anticlockwise and then 135° clockwise and still facing towards South direction. Therefore, Ramani has to rotate 90° anticlockwise to face toward the opposite of Sandhya.

146. During the morning yoga, John is facing towards the west. He rotates in 90° clockwise and then 270° anticlockwise. Now in which direction is he?

(a) East (b) West
(c) North (d) South

RRB Group-D – 22/09/2018 (Shift-II)

Ans.(a) : According to the question,



John will turn 90° clockwise from the West and will face to North direction and after turning 270° anti-clockwise, he will face to east direction.

147. If West becomes South, then what will be North?

(a) East (b) South
(c) West (d) North

RRB Group-D – 09/10/2018 (Shift-I)

Ans.(a) : According to the question,

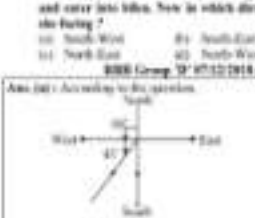
But as the West is rotating 90° anticlockwise and becomes South. In the same way the North will rotate 90° anticlockwise and become West.

148. Leena goes on long drive. After some time she turns 90° to the left and then, turns right at 45° and enter into hilles. Now in which direction is she facing ?

(a) South-West (b) South-East
(c) North-East (d) North-West

RRB Group 'D' 07/12/2018 (Shift-I)

Ans.(d) : According to the question,



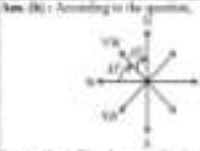
Hence, it is clear that now she is facing towards South-West direction.

149. If North-West becomes North then what will be West?

(a) South-East (b) South-West
(c) North (d) West

RRB Group-D – 06/12/2018 (Shift-II)

Ans.(b) : According to the question,



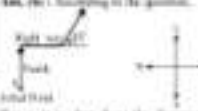
Just as North-West becomes North. In the same way West will become North-West. Because the change of direction is 45° clockwise direction.

150. X starts cycling in front of North. After some time X turns to the right and then he turns 45° to his left. Now his facing direction?

(a) North-West (b) North-East
(c) South-West (d) South-East

RRB Group-D – 06/12/2018 (Shift-I)

Ans.(b) : According to the question,



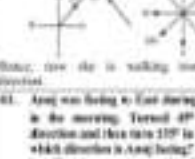
Hence, it is clear from the diagram that X is facing towards North-East direction.

151. Vandana is going towards the North-East direction. After walking 5 km she turns right at 90°. Which direction is he going now?

(a) North-East (b) South-East
(c) North-West (d) South-West

RPF Constable 20.01.2019 (Shift : II)

Ans.(b) : Vandana's trajectory is as follows.



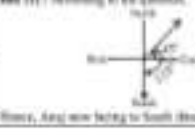
Hence, now she is walking towards South-East direction.

152. Anuj was facing to East during Surya namaskar in the morning. Turned 45° in anticlockwise direction and then turn 135° in clockwise. Now in which direction is Anuj facing?

(a) East (b) West
(c) South (d) North

RRB Group-D – 05/12/2018 (Shift-III)

Ans.(c) : According to the question,



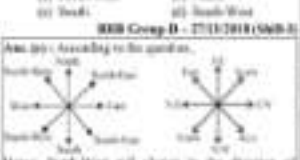
Hence, Anuj now facing to South direction.

162. If South-East becomes North and North-East becomes West then in same order what will be North-West?

(a) South-West (b) North
(c) South (d) South-West

RRB Group-D – 27/11/2018 (Shift-I)

Ans. (a) : According to the question,



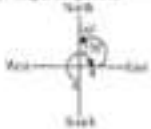
Hence, North-West will change in the direction of South.

163. A person stand facing south turns clockwise 270° and turns 90° anticlockwise. Now he stands facing towards ------ direction?

(a) East (b) North
(c) West (d) South

RRB Group-D – 28/11/2018 (Shift-III)

Ans. (b) : According to the question,



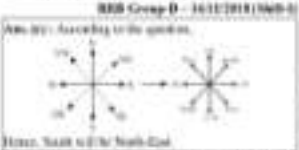
It is clear from point A to point B, he turns 270° clockwise and facing towards east and then he turns 90° anticlockwise from point B. So that he stands facing towards North direction.

164. If South-East becomes North and North-East (North-East) becomes West and the other directions also change in the same order, then South will be?

(a) North (b) South-West
(c) North-East (d) South

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (b) : According to the question,



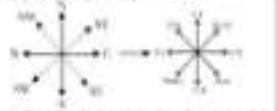
Hence, South is the South-East.

165. If South-East becomes North and North-East becomes West and then same order which direction will be West?

(a) South (b) South-West
(c) North (d) South-East

RRB Group-D – 16/11/2018 (Shift-II)

Ans. (d) : According to the question,



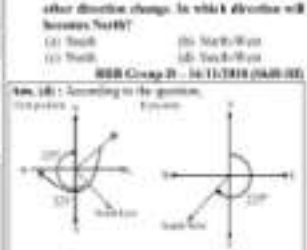
Hence, from the diagram it is clear that west will be South-East direction.

166. If the South-East direction becomes North and North-East direction becomes West and so all other direction change. In which direction will becomes North?

(a) South (b) South-West
(c) North (d) South-West

RRB Group-D – 16/11/2018 (Shift-III)

Ans. (d) : According to the question,



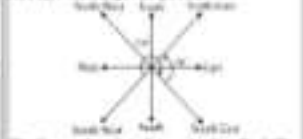
All direction are being displaced 225° clockwise. Hence, the direction will displacing north at 225° clockwise becomes the South-West direction.

167. A person facing towards South-West & facing 270° rotates clockwise and then rotates 90° anti clockwise, now facing the direction?

(a) South-West (b) West
(c) East (d) North-East

RRB Group-D – 15/11/2018 (Shift-III)

Ans. (d) : According to the question,



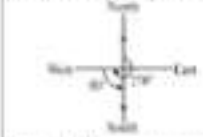
The diagram show that after moving from South-West to 270° clockwise and 90° anticlockwise and after that the final position, the facing will be towards North-East direction.

168. A person faces 270° clockwise direction of North and then 90° turns anticlockwise direction, now he is facing the direction.

(a) South (b) West
(c) North (d) East

RPF 12.06.01.2019 Shift : III

Ans. (a) : According to the question,



From the diagram, it is clear that the person's last position is at facing south direction.

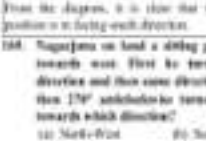
168. Nagarjuna on land a sitting place and facing towards west. First he turns 45°clockwise direction and then same direction 180° rotates, then 270° anticlockwise turns. Now he faces towards which direction?

(a) North-West (b) South

(c) West (d) South-West

RRB Group-D – 12/11/2018 (Shift-I)

Ans. (d) : According to the question,



From the diagram, it is clear that Nagarjuna facing towards South-West direction our last position.

170. Varsha was looking Northward direction, rotating 135°clockwise, then 45° rotates anticlockwise, then again 225° clockwise direction. Which direction is he facing now?

(a) East (b) South

(c) North-West (d) West

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (a) : According to the question,

Hence, she is facing towards North-West direction.

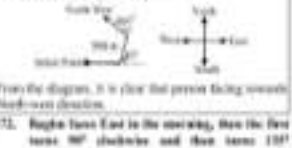
171. A person starts walking in the direction of the rising Sun, he rotates at 45° to his left walk 500 m. After that he rotates at 90° to his left and walks for a while. Which direction is he facing now?

(a) North-East (b) South-West

(c) South (d) West

RRB Group-D – 11/12/2018 (Shift-II)

Ans. (b) : According to the question,



From the diagram, it is clear that person facing towards South-west direction.

172. Raghu turns East in the morning, then he first turns 90° clockwise and then turns 135° anticlockwise. Now which direction is he facing?

(a) East (b) North-East

(c) West (d) South-West

RPF Constable 21.01.2019 (Shift – I)

Ans. (b) : According to the question,

Therefore, it is clear from the picture that when Raghu turnes 90° clockwise then 135° counter clockwise then his face will be towards the North-East.

173. Facing East, Sunil turns 45° clockwise and then 180° anticlockwise. What direction is he facing now?

(a) South-East (b) South-West

(c) North-west (d) North-East

RRB Group-D – 05/10/2018 (Shift-III)

Ans. (a) : According to the question,

Hence, Sunil's face is at North-West direction.

174. If East becomes 'North-East' on the compass, then what will 'West' become?

(a) South-East (b) South-West

(c) East (d) South

RRB Group-D – 01/10/2018 (Shift-I)

Ans. (b) : According to the question,

Therefore, it is clear that the West will change to the South-West

175. **If 'North-East' becomes 'North', then what will 'East' become?**

(a) North-East (b) South-East
(c) North-West (d) South-West

RRB Group D – 18/09/2018 (Shift-I)

Ans. (a) : According to the question,

Just as 45° counter clockwise from North-East will get North direction, similarly 45° counter clockwise from East will get North-East direction.

176. **In a code language North = West, South = East, East = North then. In Which direction Sun rise?**

(a) East (b) West
(c) North (d) South

RPF SI 10.01.2019 Shift – I

Ans. (d) : Given,

North = West, South = East and East = North

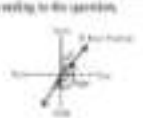
All directions are being displaced in 90° counter clockwise direction, so the sun rise will be in South direction.

177. **Facing North, X turns 285° clockwise and then 360° anticlockwise. Which direction is X facing now?**

(a) North-East (b) South – East
(c) South-West (d) North-West

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (a) : According to the question,



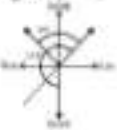
Hence, the direction of X is North-East.

178. **Facing South, X turns 225° clockwise and then 90° anticlockwise. What direction is X facing now?**

(a) South-West (b) North-East
(c) North-West (d) South-East

RRB ALP & Tec. (21-08-18 Shift-II)

Ans. (c) : According to the question,



Hence, X is facing North-West.

179. **Facing East, X turns 180° clockwise and 105° anticlockwise. Which direction is X facing now?**

(a) South-West (b) South-East
(c) North-East (d) South-West

RRB ALP & Tec. (20-08-18 Shift-I)

Ans. (b) : According to the question,

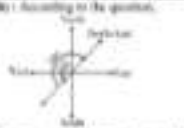
Hence, X is facing South-East.

180. **Moving towards North, a person turns 135° left ward and then turns 180° Southwards. What direction is he facing now?**

(a) South-West (b) North-East
(c) South-East (d) West

RRB JE – 31/05/2019 (Shift-III)

Ans. (b) : According to the question,



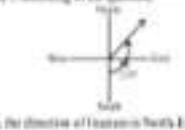
Given figure shows that person facing North-East in his final position.

181. **Gautam start moving towards South, then he turns 135° to his left. What direction is he facing now?**

(a) North-East (b) North-West
(c) South-East (d) South-West

RRB JE – 27/05/2019 (Shift-III)

Ans. (a) : According to the question,



Hence, the direction of Gautam is North-East.

102. If 'East' becomes 'North' and 'West' becomes 'South' and so on, then what will South become?

(a) South (b) East
(c) North (d) West

RRB JE - 26/06/2019 (Shift-I)

Ans. (b) : According to the question,

Hence, South will become East.

103. A person walks towards South and turns 'Left', then he turns 45° to his left. What direction is he facing now?

(a) North-East (b) South-West
(c) South-West (d) South-East

RPF Constable 22.01.2019 Shift - III

Ans. (a) : According to the question,

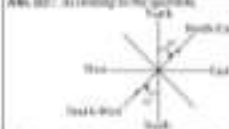
Figure shows that the final position he is facing is in North-east.

104. If South becomes South-West, then what will be North?

(a) South-West (b) South-East
(c) North-East (d) North-West

RRB Group-D – 17/09/2019 (Shift-I)

Ans. (d) : According to the question,



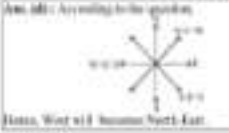
South turns South-West by turning 45° clockwise then North turn North-East by turning 45° clockwise.

105. If 'North-East' becomes 'West' and 'South-East' becomes South and so on. What will 'West' become?

(a) South-East (b) North-West
(c) South-West (d) North-East

RRB JE - 26/09/2019 (Shift-III)

Ans. (d) : According to the question,



Hence, West will become North-East.

Type - 5

106. Shyam walked 10 m towards the north and then turned left and walked 13 m. He then turned right and walked for 15 m, turned right again and walked for 30 m. He then turned left and walked 14 m and then finally turned right and walked 1 m. How far is Shyam from the starting point?

(All turns are 90 degree turns only)

(a) 34 m (b) 32 m
(c) 22 m (d) 27 m

RRB Group-D 22-09-2022 (Shift-III)

Ans. (d) : According to the question,

Hence, Required distance = 30 – 13 + 14 = 27m

107. Evan travelled 30 km from his residence towards the north. He then turned 90 degrees towards the left and travelled 12 km. He turned 90 degrees left again and travelled 16 km and stopped. How far is Evan from his residence?

(a) 32 km (b) 16 km
(c) 4 km (d) 28 km

RRB NTPC (Stage-II) - 13/06/2022 (Shift-I)

Ans. (a) : According to the question,

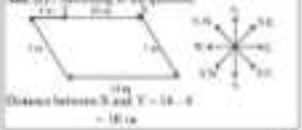
Hence, it is clear that Evan is 32 km away from his residence.

108. According to the directions given by the coach, Jhulan walks 7 metres to the southeast from point X. Then Jhulan walks 14 metres to the west. She then walks 7 metres to the northwest. Finally, Jhulan walks 4 metres to the east and reaches point Y. What is the shortest distance between X and Y?

(a) 7 metres (b) 14 metres
(c) 10 metres (d) 19 metres

RRB NTPC (Stage-II) - 16/06/2022 (Shift-II)

Ans. (c) : According to the question,



Distance between X and Y = 14 – 4

= 10 m

189. Shilpa and Radhika started walking from two different points, 'A' and 'B', respectively. Shilpa walks 4 km North, turns to the East and walks 6 km, again turns to the North and walks 8 km, and finally turns to the East and walks 10 km to reach point 'C'. Similarly, Radhika walks 4 km North, and turns to the West and walks 6 km, and finally turns to the North and walks 8 km and meets Shilpa at point 'C'. What is the shortest distance between Shilpa's and Radhika's starting points?

(a) 18 km (b) 20 km
(c) 22 km (d) 26 km

RRB NTPC (Stage-II) - 15/06/2022 (Shift-I)

Ans. (b) : According to the question,

Shortest distance between Shilpa and Radhika from starting points = 6 + 10 + 6 = 22 km

190. Rinku went 5 km towards the west from her house. From here, she turned left and covered a distance of 6 km. She took a left turn again and covered a distance of 5 km. She finally turned right and travelled 3 km and stopped. What is the shortest distance between the point where she stopped from her house? (All turns are 90° turns only) -

(a) 7 km (b) 12 km
(c) 10 km (d) 9 km

RRB NTPC (Stage-II) - 15/06/2022 (Shift-II)

Ans. (a) : Rinku's travelled path is as follows

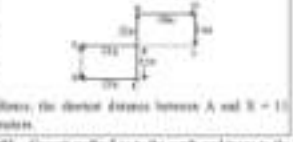
So, the shortest distance = 4 + 3 = 7 km

191. Point A is 15 m to the west of point C, Point B is 22 m to the north of point C. Point D is 10 m to the east of Point B. Point E is 11m to the south of point B. Point X is 35 m to the west of point E. What is the shortest distance between point A and Point X?

(a) 22 m (b) 2 m
(c) 11 m (d) 10 m

RRB NTPC (Stage-II) - 15/06/2022 (Shift-II)

Ans. (c) : According to the question,



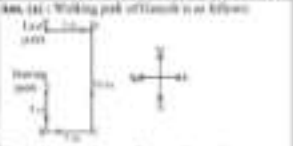
Hence, the shortest distance between A and X = 11 meters.

192. Ganesh walks 5 m to the south and turns to the east. He again walks for 5 m, turns to his left and stops after walking 10 m. He turns to his left again, walks 5 m and stops. How far is Ganesh from his starting point?

(a) 5 m (b) 20 m
(c) 10 m (d) $5\sqrt{2}$ m

RRB NTPC 23.07.2021 (Shift-I) Stage-Ist

Ans. (a) : Walking path of Ganesh is as follows



Hence, Ganesh's distance from starting point,

(AE) = CD − AB = 10 − 5 = 5 m

193. Read the given paragraph carefully and answer the question.

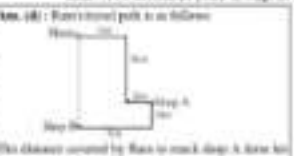
Ram walks 3 km straight from his home. After taking a right turn he walks for another 4 km. He then takes a left turn and reaches stop A after 2 km. From there he takes a right turn and walks 2 km. He covers another 7 km to the right to reach stop B.

What is the distance covered by Ram to reach stop A from his home?

(a) 7 km (b) 15 km
(c) 22 km (d) 14 km

RRB NTPC 21.01.2021 (Shift-I) Stage-Ist

Ans. (d) : Ram's travel path is as follows



The distance covered by Ram to reach stop A from his home = 3 + 4 + 2

= 9 km

194. Sita took an auto from her home in Andheri (a) to go to her college in Fatehpuri (F). Rather than continuing straight on the direct road to the college that had no turns, the auto driver took a diversion after 10 km and turned right at Bandra (b) crossing, then at Colaba 5-point (c) after 8 km turned left, again after covering 12 km turned left at Dalhousi Building (d) and soon after 8 km turned right at Tiphanwan point (E) and after covering 6 km reached Fatehpuri (F). Had the auto driver taken the direct route how much less distance would Sita have actually travelled between the starting point and the destination?

(a) 19 km (b) 19 km
(c) 18 km (d) 17 km

RRB NTPC 28.12.2020 (Shift-II) Stage Ist

Ans. (a) : The sequence of Sita's travel is as follows

Total distance between point A and F = 10 + 8 + 12 + 8 + 6 = 42

The direct distance between point A and F = 10 + 12 + 8 = 30

Thus, difference = 42 − 30 = 18 km

195. 5 m long ladder is leaning against a wall and it reaches the wall at a point 3 m high. If the foot of the ladder is moved 2 m towards the wall then the distance by which the top of the ladder slider slides upwards on the wall is:

(a) 1.99 m (b) 5.0 m
(c) 1.0 m (d) 4.0 m

RRB NTPC 09.01.2021 (Shift-II) Stage Ist

Ans. (b) : According to the question,

In Right Angle ΔBDE

$EB^2 = EDB^2 + DBE^2$

$5^2 = (1.4)^2 + (3 + x)^2$

$25 = 1.96 + (3 + x)^2$

$23.04 = (3 + x)^2$

$3 + x = 4.8$

$\Rightarrow \boxed{x = 1.8\text{m}}$

196. Rohit goes 5 meters North then turns right and walks 4 meters, then again turns right and walks 2 meters, then again turns right and walks 4 meters. How many meters is she from her original position?

(a) On the starting point (a) 0
(b) 1
(c) 4
(d) 2

RRB NTPC 09.01.2021 (Shift-II) Stage Ist

Ans. (b) : The sequence of Rohit's running as follows

Hence, Rohit is at a distance of 1 meter from its starting point.

197. Shuvrat walks 25 m east. Then she turns right and walks another 25 m. She then turns right and walks another 40 m. Then again turning right, she walks 25 m. Finally, she turns left and walks 10 m. How far is Shuvrat from her original position?

(a) 10 m (b) 20 m
(c) 15 m (d) 25 m

RRB NTPC 10.01.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question,

Distance from starting position = AE = 15 + 10 = 25 m

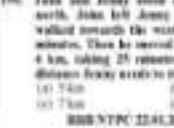
Hence, Shuvrat is at a distance of 25 m from its initial position.

198. A man started from a point and covered a distance of 150 km towards North in his car. At a crossroads, he turned right and covered a distance of 50 km. He again took a right turn and covered a distance of 150 km. From there, he took a right turn and covered a distance of 40 km. How far and in which direction is he now from his starting point?

(a) 10 km towards West
(b) 10 km towards East
(c) 200 km towards West
(d) 200 km towards East

RRB NTPC 03.04.2021 (Shift-II) Stage Ist

Ans. (b) : According to the question,



Therefore, he is 10 km far in East from initial point.

199. John and Jenny stood at a point facing the north. John left Jenny in the morning and walked towards the west for 3 km, taking 15 minutes. Then he moved towards the south for 4 km, taking 25 minutes. What is the shorts distance Jenny needs to travel to meet John?

(a) 7 km (b) 8 km
(c) 7 km (d) 9 km

RRB NTPC 22.01.2021 (Shift-II) Stage Ist

Ans. (a) : According to the question,

Let, Jenny have to cover a minimum distance of x km to point Jobs

From Pythagoras theorem, we have

$$x = \sqrt{3^2 + 4^2} = \sqrt{9 + 16} = \sqrt{25} = 5 \text{ km}$$

398. Sujal is a good runner who walked 8 km towards the north from point A. Then he turned around and started running back at the speed of 6 km/hour. How far would Sujal be from point A after running for 10 minutes?

(a) 6 KM (b) 9 KM

(c) 7 KM (d) 2 KM

RRB NTPC 12.02.2021 (Shift-1) Stage-1st

Ans. (b) : According to the question,

Total distance travelled by Sujal in North direction = 8 Km

Speed of Sujal after turning back and running at speed = 6 Km/h

So, total time taken by Sujal in running back = 10 minute

$$= \frac{10}{60} \text{ hour}$$

Total distance travelled by Sujal in running = Speed × Time

$$= 6 \times \frac{10}{60} = 1 \text{ Km}$$

So, distance of point A from Sujal = 8 − 1 = 7 Km

399. Sushila daily goes to school on his bicycle and the distance between his home and the school is 7 km. After school time, he directly goes to a gym from the school. The distance from the school to the gym is 5 km. From gym, he goes to a market. The distance between the gym and the market is 2 km. The distance between the market and his home is 2.5 km.

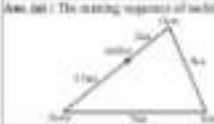
What is the distance between his home and the gym through shorted route ?

(a) 4.5 km (b) 7 km

(c) 7 km (d) 10 km

RRB NTPC 13.01.2021 (Shift-1) Stage-1st

Ans. (a) : The running sequence of tasks is as follows



Distance from home to market = 2.5 km

Distance from market to gym = 2 km

Hence, the closest distance between his home and gym = (2.5 + 2) km = 4.5 km

401. Nitara walks 1 km towards 'West' and turns 'Left' and walks 1 km, and then turns 'Left' and walks 1 km, and again turns 'Left' and walks 450 m. How far is Nitara from his original position.

(a) 500 m (b) 700 m

(c) 550 m (d) 200 m

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (c) : According to the question,

Distance from initial point to final point = 1000 − 450 = 550 m

402. Starting from point A, X walks 15 km towards 'North' to reach point B, from where he turns 'Left' and walks 10 km to reach point C, then he turns 'Right' and Walks 10 km to reach point D, and finally he turns 'Right' and walks 30 km to reach point E. Find distance between A and E?

(a) $5\sqrt{41}$ (b) $5\sqrt{37}$

(c) $5\sqrt{82}$ (d) $5\sqrt{41}$

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (d) : Diagram of distance walked by X is as follows

Hence, distance between initial and final point.

$$AE = \sqrt{(25)^2 + (5)^2}$$

$$= \sqrt{625 + 400} = \sqrt{1025}$$

$$AE = 5\sqrt{41}$$

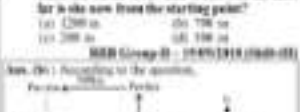
404. Pavitra turns 'Left' after covering 500 m distance towards 'East', and Walks 700 m. Then she turns 'Left' and walks 500 m. How far is she now from the starting point?

(a) 1200 m (b) 750 m

(c) 200 m (d) 500 m

RRB Group-D – 19/09/2018 (Shift-III)

Ans. (b) : According to the question,



Hence, Pavitra is 500 m away from her initial point.

205. Nikita walks 2 km towards 'West' and walks 1 km after turning 'Right'. She again turns 'Right' and walks 2 km. She again turns 'Right' and walks 1 km. How far is she now from her starting point.

(a) 1 km (b) 3 km
(c) 4 km (d) 2 km

RRB Group-D – 24/09/2018 (Shift-I)

Ans. (a) : Diagram of distance travelled by Nikita is as follows:

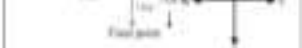
Hence, distance from initial to final point = 1 km

206. Pankaj walks 4 km towards 'East' then turns 'Right' and walks 3 km and then he turns 'Right' and walks 5 km if he walks now just 2 km South from his initial point, then what is distance of X?

(a) 5 km (b) 2 km
(c) 4 km (d) 6 km

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a) : According to the question,



Hence, x = 4 km

207. Nirmala moves 30 m towards 'North', then turns 'Right' and walks 40 km, and again turns 'Right' and walks 20 m, and again turns 'Right' and walks 40 m. How far is she from her original point.

(a) 10 m (b) 5 m
(c) 2 m (d) 30 m

RPF SI 10.01.2019 Shift - II

Ans. (d) : According to the question

Figure shows that Nirmala is 10 m away from her initial point.

208. Gopichandu starting from his home, and walks 10 km towards 'West', and then turns 'Left' and walks 30 km, and then turns 'East' and walks 20 km, and finally turns 'Left' and walks 30 km. How far is he from his home?

(a) 60 km (b) 10 km
(c) 15 km (d) 80 km.

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (c) : According to the question,

From above figure it is clear that he is 15 km away from his home.

209. Gowtham leaves from his home and walks straight East. After walking 60 m, he turns left and walks straight for a distance of 15 m, then he turns left and walks straight for a distance of 20 m. He turns left for the last time and reach a distance of 15 m moreover, How far is he from his home?

(a) 25 m (b) 10 m
(c) 35 m (d) 40 m

RRB Group-D – 15/11/2018 (Shift-III)

Ans. (d) : The walking of Gowtham is as follows:

Distance from Gowtham's house and his final position = AE

$AE = AB - EB$

$\because EB = DC$

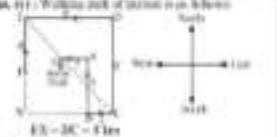
$\therefore AE = 60 - 20 = 40$ m

210. At point O, facing east a person walks 2 km to reach point A. Then, he turns right, walks 4 km and reaches point B. Then, he turns left, walks 2 km and reaches point C. Then, he turns left, walks 8 km and reaches point D. Then, he turns left, walks 8 km and reaches point E. Then, he turns left, walks 4 km and reaches point F. The shortest distance between point F and point E is _____ km.

(a) $8\sqrt{2}$ (b) $2\sqrt{2}$
(c) $8\sqrt{3}$ (d) 120

RRB Group-D – 11/11/2018 (Shift-III)

Ans. (c) : Walking path of person is as follows:



$\therefore EX = DC = 4$ km

$\therefore DC = ED = 4$ km

By Pythagoras theorem,

$\therefore (FC)^2 = (EC)^2 + (EF)^2$

$= (4)^2 + (4)^2 = 128$

$\therefore FC = 8\sqrt{2}$ km

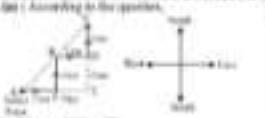
211. Every morning Albert starts riding towards riding. Then, he rides 2 km, then turns 'Left' and moves 4 km and then turns to his 'Right' and moves 3 km and finally he turns to his 'Left' and reach office after riding 8 km. How far is his office from riding 8 km.

(a) 13 km (b) 10 km

(c) 12 km (d) 19 km

RPF Constable 26.01.2019 Shift – I

Ans. (a) | According to the question,



$\therefore$ BD = 3 km and BH = FE

$\therefore$ FE = 3 km

$\therefore$ EB = 4 km and EB = DE, (CE = CD + DE)

$\therefore$ DE = 4 km

$\therefore$ CE = 12 km

and AE = 5 km , (AE = AB + FE)

$\therefore AC = \sqrt{AE^2 + CE^2}$

$\therefore AC = \sqrt{5^2 + 12^2}$

$\therefore AC = \sqrt{25 + 144}$

$\therefore AC = \sqrt{169} = 13$ km

Hence, total distance to office is 13 km from Albert's house by Array.

212. A person starts from point O towards West, walks 4 km to reach point A. From where he walks 4 km towards 'Right' to reach point B, then walks 4 km towards 'Right' to reach point C, after turning 'Right' he walks 3 km to reach point D, then turn 'Left' and walks 4 km to reach point E. Finally walks 9 km towards 'Right' to reach point F.

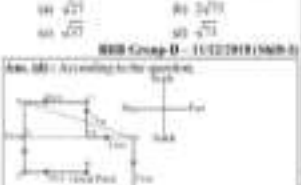
Find minimum distance between B and F.

(a) $\sqrt{37}$ (b) $2\sqrt{37}$

(c) $\sqrt{37}$ (d) $\sqrt{37}$

RRB Group-D – 11/12/2018 (Shift-I)

Ans. (d) | According to the question,



$\therefore$ CD = 3 km and CD = BG

$\therefore$ BG = 3 km

$\therefore$ BC = 4 km and BC = GD

$\therefore$ GD = 4 km

$\therefore$ BG = 3 km

and GE = 9 km

$\therefore BD = \sqrt{(BG)^2 + (GE)^2}$

$\therefore BD = \sqrt{3^2 + 9^2}$

$\therefore BD = \sqrt{37}$

Hence, minimum distance is $\sqrt{37}$ km b/w point B and F.

213. Starting from point O, a person walks 4 km towards west to reach point A, from where he walks 4 km towards 'Right' to reach point B, again walks 4 km 'Right' to reach point C, he walks 3 km after turning 'Right' to reach point D, then turns 'Left' and Walks 4 km to reach point E, and walks towards 'Right' for 9 km to reach point F.

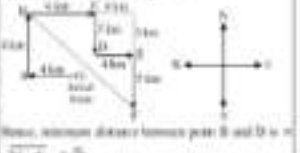
What is minimum distance between point B and F?

(a) $4\sqrt{2}$ (b) $3\sqrt{2}$

(c) $5\sqrt{2}$ (d) $6\sqrt{2}$

RRB Group-D – 11/12/2018 (Shift-II)

Ans. (d) | According to the question,



Hence, minimum distance between point B and D is =

$\sqrt{6^2 + 6^2} = 6\sqrt{2}$ km

214. Standing from point O, a person walks 4 km towards 'West' to reach point A. From where he walks 4 km towards 'Right' to reach point B, then walk 4 km towards 'Right' to reach point C, and turn right and walks 3 km to reach point D, turn 'Left' walks 4 km to reach point E, finally walks for 5 km towards 'Right' to reach point F.

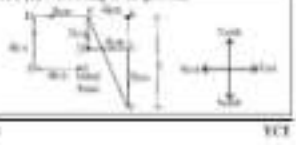
What is minimum distance between point C and F.

(a) $4\sqrt{2}$ (b) $4\sqrt{5}$

(c) $5\sqrt{5}$ (d) $3\sqrt{5}$

RRB Group-D – 11/12/2018 (Shift-III)

Ans. (b) | According to the question,



By Pythagoras theorem,

$$CE^2 = (CE)^2 + (EF)^2$$
$$= (4)^2 + (4)^2$$
$$= 16 + 16$$
$$CE = \sqrt{32}$$
$$CE = 4\sqrt{2}$$

Hence, minimum distance between point C and F is $4\sqrt{2}$.

215. Starting from point O, a person walks 4 km facing to West to reach point A. From where he turns 'Right' and walks 4 km to reach point B, again he turns 'Right' and walks 4 km to reach point C, then again turns 'Right' and walks 3 km to reach point D. Now he turns 'Left' and walks 4 km to reach point E. Then again turns 'Right' and walks 5 km to reach point F. What is minimum distance between point A and E?

(a) $\sqrt{25}$ (b) $5\sqrt{2}$

(c) $\sqrt{20}$ (d) $2\sqrt{2}$

RRB NTPC 18.01.2019 Shift : III

Ans. (a) : According to the question,

Minimum distance b/w point A and E

$$= \sqrt{(AG)^2 + (EG)^2}$$
$$= \sqrt{(5)^2 + (5)^2}$$
$$AE = \sqrt{25+25} = \sqrt{25}\ km$$

216. Ms. X runs Marathon and start from point A, runs 5 km towards 'North' and reached point B. Then turns 'Right' and runs 6 km to reach point C. Again turns 'Right' and runs 8 km to reach point D. Then he runs 10 km after turning 'Right' to reach point E. He again turns 'Right' and runs 6 km to reach point F. Then again turns 'Right' and if runs 2 km to reach point G. Finally he again turns 'Right' and runs 3 km to reach point H. What is minimum distance between point A and H?

(a) $\sqrt{2}$ km (b) 2 km

(c) 3 km (d) 5 km

RRB Group-D – 25/10/2018 (Shift-I)

Ans. (a) : According to the question,

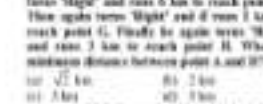


Figure shows minimum distance of A and H =

HD = HC = HG = 10 – 7 = 3 km.

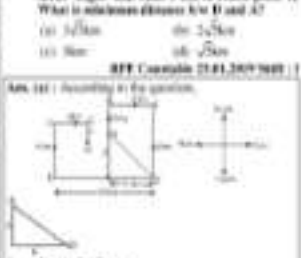
217. Starting from point A, Ms. X runs Marathon, he runs towards North for 5 km to reach point B. Then turns 'Right' and runs 6 km to reach point C, and turns 'Right' and runs 8 km to reach point D. Again turns 'Right' and runs 10 km to reach point E and again turns 'Right' and runs 6 km to reach point F. Again turns 'Right' and runs 1 km to reach point G, then turns 'Right' and runs 3 km to reach point H. What is minimum distance b/w D and A?

(a) $3\sqrt{2}$ km (b) $2\sqrt{2}$ km

(c) 5km (d) $\sqrt{5}$ km

RRB Ciuttagdh 23.01.2019 Shift : I

Ans. (a) : According to the question,



According to the figure –

$AD^2 = 3^2 + 3^2$

$\Rightarrow AD = \sqrt{18}$

$AD = 3\sqrt{2}$ km

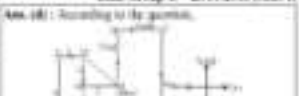
218. Ms. X start running Marathon from point A, runs 5 km towards 'North' to reach point B, then turns 'Right' and runs 6 km to reach point C, again turns 'Right' and runs 8 km to reach point D, then again turns 'Right' and runs 10 km to reach point E, again turns 'Right' and runs 1 km to reach point G. And finally runs 3 km after turning 'Right' to reach point H. What is minimum distance b/w G and A?

(a) $2\sqrt{2}$ (b) $\sqrt{5}$

(c) 5 (d) $3\sqrt{2}$

RRB Group-D – 23/10/2018 (Shift-I)

Ans. (d) : According to the question,



GA is minimum distance b/w G and A.

(Hypotenuse)^2 = (Perpendicular)^2 + (Base)^2

$GA^2 = 3^2 + 3^2$

$= 9 + 9$

$GA = \sqrt{18}$

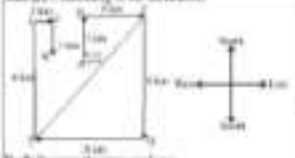
$GA = 3\sqrt{2}$ km

219. Starting from point A, Ms. X runs Marathon, runs 5 km towards 'North' to reach point B, and then turns 'Right' and runs 6 km to reach point C, again turns 'Right' and runs 8 km to reach point D. And then turns 'Right' and runs 10 km to reach point E, and again turns 'Right' and runs 6 km to reach point F, then again turns 'Right' and runs 3 km to reach point G. Then again turns 'Right' and ran for 3 km to reach point H.
What is minimum distance b/w C and F?

(a) 41 (b) $3\sqrt{21}$
(c) $2\sqrt{41}$ (d) $\sqrt{41}$

RRB Group D - 27/10/2018 (Shift-1)

Ans. (c) : According to the statements,



By Pythagoras theorem, we have
In ΔCEF
$CE^2 = 10^2 + 8^2$
$CE = \sqrt{164} = 2\sqrt{41}$

220. Nitara walks 1 km towards 'West', and turns 'Left', then walks 1 km and again turns 'Left' and walks 1 km and turns 'Left' then walks 450 m. How far is Nitara from her starting point?

(a) 500 m (b) 700 m
(c) 550 m (d) 200 m

RRB Group-D - 28/09/2018 (Shift-III)

Ans. (a) : According to the question,

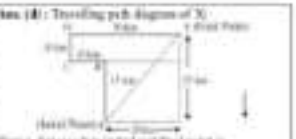
It is clear from the picture, that Nitara is 550 m from the starting point.

221. Starting from point A, Ms. X walks 15 km towards 'North' to reach point B, from where he turns 'Left' and walks 10 km to reach point C, and then turns 'Right' and walk 10 km to reach point D. Finally he turns 'Right' and walks 30 km to reach point E.
What is minimum distance between initial and final position?

(a) $6\sqrt{41}$ (b) $5\sqrt{32}$
(c) $2\sqrt{41}$ (d) $5\sqrt{41}$

RPF SI 15.07.2019 Shift - I

Ans. (d) : Travelling path diagram of X



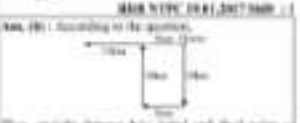
Hence, distance b/w initial and final point is,
$AE^2 = (25)^2 + (20)^2$
$= 625 + 400 = 1025$
$AE = 5\sqrt{41}$

222. One day Ganesh starts cycling from his home for 10 km towards 'South', then returns 'Right' and walks 5 km, then again turns 'Right' and moves 10 km and finally turns 'Left' and walks 10 km. What is straight distance b/w initial and final point?

(a) 20 (b) 15
(c) 25 (d) 35

RRB NTPC 19.01.2017 Shift - I

Ans. (b) : According to the question,



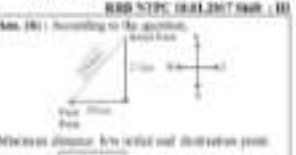
Thus, straight distance b/w initial and final point = 5+10 = 15km.

223. Starting from his home, Vinay walks towards 'South' after covering 21 km he turns 'Right' and walks straight 20 km. Now far is he from his initial point?

(a) 29.00 km (b) 29.00 km
(c) 41.00 km (d) 24.00 km

RRB NTPC 10.01.2017 Shift - III

Ans. (b) : According to the question,



Minimum distance b/w initial and destination point

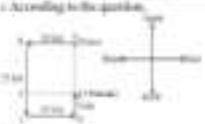
$= \sqrt{(21)^2 + (20)^2}$
$= \sqrt{441 + 400}$
$= \sqrt{841}$
$= 29$ km

224. Starting from her home, a woman walks 10 km towards 'West', and turns 'Left' and walks 25 km. Then again turns 'Left' and walks 30 km and then again turns 'Left' and walks 5 km. How far is she from her home now?

(a) 35 (b) 20
(c) 25 (d) 40

RPF Constable 25.01.2019 Shift - III

Ans. (b) : According to the question,



By diagram,

$BC = AD = 13$ Km

$\therefore AE = AD - DE$

$AE = 23 - 4 = 20$ km

Hence, distance b/w woman and house is 20 km.

219. A man starts from point 'O', travels 20 km towards east to reach point 'A', then turns right and travels 10 km to reach point 'B', then turns right and travels 9 km to reach point 'C', then turns right and travels 4 km to reach point 'D', then turns left and travels 12 km to reach point 'E' and then turns right and travels 6 km to reach point 'F'.

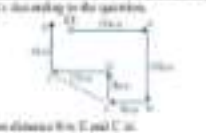
What is the shortest distance between point 'E' and point 'C'?

(a) 13 (b) $\sqrt{5}$

(c) $\sqrt{28}$ (d) $\sqrt{145}$

RRB ALP & Tec. (31-08-18 Shift-II)

Ans. (a) : According to the question,



Minimum distance b/w E and C is,

$(EC)^2 = (CD)^2 + (ED)^2$

$= 5^2 + 12^2$

$= 25 + 144$

$EC = \sqrt{169} = 13$ km.

220. A man starts from point 'O', travels 20 km towards East to reach point 'A', then turns right and travels 10 km to reach point 'B', then turns right and travels 9 km to reach point 'C', then turns right and travels 4 km to reach point 'D', then turns left and travels 12 km to reach point 'E' and then turns right and travels 6 km to reach point 'F'.

What is the shortest distance between point 'F' and point 'B'?

(a) 49 (b) $\sqrt{466}$

(c) $\sqrt{245}$ (d) $\sqrt{436}$

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (b) : To find minimum distance b/w E and B, use Pythagoras theorem.

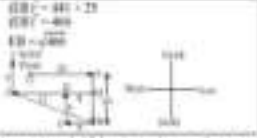
$(EB)^2 = (DE)^2 + (BD)^2$ $[\because BD = BD + DO]$

$(EB)^2 = (21)^2 + (5)^2$ $BD = 12 + 9 = 21$

$(EB)^2 = 441 + 25$

$(EB)^2 = 466$

$EB = \sqrt{466}$



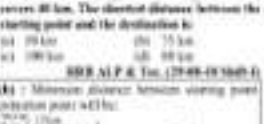
227. A man travels 15 km towards east, then turns right and travels 20 km. He then turns left and travels 30 km. Finally, he takes a right turn and covers 40 km. The shortest distance between the starting point and the destination is:

(a) 19 km (b) 75 km

(c) 100 km (d) 60 km

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (b) : Minimum distance between starting point and destination point is ED by:



$AF = AB + BF$

$= 15 + 20 = 40$ km $\therefore BF = CD$

(1) $= ED + DC$ $DC = ED$

$= 28 + 40 = 68$ km

$(AE)^2 = (34)^2 + (40)^2$

$= (40)^2 + (40)^2$

$= 2025 + 2600$

$(AE)^2 = 4625$

$AE = \sqrt{4625} = 75$ km

228. A man starts from point 'O', travels 20 km towards East to reach point 'A', turns right and travels 10 km to reach point 'B', turns right and travels 9 km to reach point 'C', turns right and travels 5 km to reach point 'D', turns left and travels 12 km to reach point 'E' and then turns right and travels 6 km to reach point 'F'.

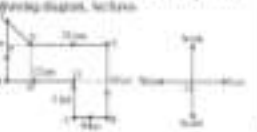
What is the shortest distance between his initial and final points?

(a) $\sqrt{49}$ (b) 11

(c) $\sqrt{5}$ (d) $\sqrt{29}$

RRB ALP & Tec. (29-08-18 Shift-III)

Ans. (c) : Hence, initial point is O and final point is F. After drawing diagram, we have



By diagram, we get
OP = 1 km = EM
where, PF = 1 km = EF-EP = 6 – 5 km
If minimum distance is OF.
After applying Pythagoras theorem,

$OF^2 = (OP^2 + PF^2$
$OF^2 = 3^2 + 1^2$
$OF^2 = 2$
$OF = \sqrt{2}$ km

229. A man starts from point 'O', travels 20 km towards East to reach point 'A', turns right and travels 10 km to reach point 'B', turns right and travels 9 km to reach point 'C', turns right and travels 5 km to reach point 'D', turns left and travels 12 km to reach point 'E' and then turns right and travels 6 km to reach point 'F'.
What is the shortest distance between point 'A' and point 'D'?

(a) 13 (b) $5\sqrt{2}$
(c) $\sqrt{106}$ (d) $\sqrt{101}$

RRB ALP & Tec. (29-08-18 Shift-III)

Ans. (d) : On drawing the diagram according to the above statement in the given question, we obtain

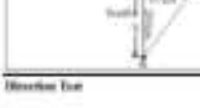
By diagram –
OB = 9 km = BC (BD = DC = 5 km)
AB = 2 km = AD-BD
By Pythagoras theorem
$AD^2 = BD^2 + AB^2$
$AD^2 = 5^2 + 2^2$
$AD^2 = 81 + 25$
$AD^2 = 106$
$AD = \sqrt{106}$ km

230. Two friend X and Y starting their journey from the same point A. X walks 20 km towards 'South' and Y walks 10 km towards East. What is minimum distance b/w X and Y?

(a) 15 km (b) 25 km
(c) 45 km (d) 50 km

RPF SI (11.01.2019 Shift : I)

Ans. : (b) According to the question, the journey form a right angled triangle, that the minimum distance of X and Y = BC



BC = AC + AB

$BC = \sqrt{10^2 + 20^2} = \sqrt{225 + 400}$

$BC = \sqrt{625} = 25$ km.

231. X driving goes 30 km towards south, and after turning right, going 30 km, straight. Turn left and go straight 20 km and again turn left and go straight 30 km. How far is X from its starting point now?

(a) 20 km (b) 30 km
(c) 40 km (d) 50 km

RRB ALP & Tec. (10-08-18 Shift-II)

Ans. (d) : According to the question,

AE = AB + BE (CD = BE = CD = 20 km)
= 30 + 20 = 50 km
Hence, distance b/w A and E is 50 km.

232. Ravi walks 4 km straight 'South', then turns 'Left' and walks 6 km straight, again turns 'Right' and walks 4 km straight. How far is he from his initial point?

(a) 10 km (b) 18 km
(c) 12 km (d) 8 km

RRB JE - 28/05/2019 (Shift-I)

Ans. (a) : (O) is initial point and C is final point.

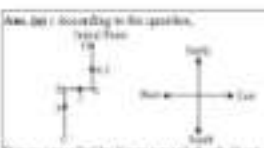
BC = AD = 4 km
Minimum distance from initial point = OC
$(OC)^2 = (DO)^2 + (DC)^2$ (∵ DO=DA+AO)
$= (6)^2 + (8)^2$ 4 + 4 = 8 km
= 64 + 36
$OC = \sqrt{100} = 10$ km

233. Varun walks for 4.5 km towards 'South' direction and turns to the 'Right' after travelling 3 km, he turns 'Left' and walks 5 km. How far has he travelled towards 'South'?

(a) 5.5 km (b) 3.5 km
(c) 4.5 km (d) 7 km

RRB JE - 30/05/2019 (Shift-II)

Ans. (a) : According to the question,



Distance travelled by Venus towards South direction

$= 0.6 + BC$

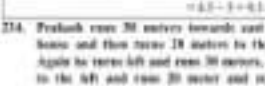
$= 0.5 - 5 = 0.1$ km

234. Prakash runs 30 meters towards east from home and then turns 20 meters to the left. Again he turns left and runs 30 meters, again to the left and runs 20 meter and reaches point 'A'.
What is straight distance of point A from his home?

(a) 30 m (b) 40 m
(c) 20 m (d) 10 m

RRB JE - 30/05/2019 (Shift-I)

Ans. (a) : According to the question,



Hence, distance of A from home is 20 m, shown by diagram.

235. Arun walks 10 m towards 'East', and walks 10 m after turning to his 'Right', then he always turns 'Left' and walks respectively 5, 15 and 10 m. How far is he from his initial point.

(a) 10 m (b) 20 m
(c) 15 m (d) 5 m

RRB JE - 30/05/2019 (Shift-II)

Ans. (d) : According to the question,

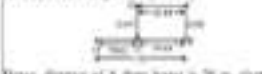


Diagram proves, Arun is 5 m away from his home.

236. One day Rajesh get out of the home and cycled 10 km South and then he turned to the right and cycled 5 km again he turned to the right and cycled 10 km. Then he turn left and cycled 10 km to reach point P. How many kilometers will he have to cycle to reach his home directly from point P?

(a) 12 km (b) 20 km
(c) 10 km (d) 15 km

RRB JE - 29/05/2019 (Shift-I)

Ans. (d) : The sequence of walking of Rajesh is as follows:

Distance of Rajesh's house from point P = 10 + 5

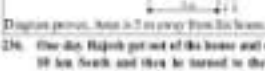
= 15 km

237. Raj and Ray stand at point B, both start moving in opposite direction, Raj walks 3 km and Ray walks 4 km, and then Raj walks 4 km after turning 'Right' and Ray walks 3 km after turning 'Left', How far is they from his initial point?

(a) 5 km, 5 km (b) 4 km, 4 km
(c) 4.5 km, 5 km (d) 3 km, 3 km

RRB JE - 31/05/2019 (Shift-II)

Ans. (d) : According to the question,



Distance of Ray from initial point $= \sqrt{4^2 + 3^2} = \sqrt{25}$

$= 5$ km

Distance of Raj from initial point $= \sqrt{3^2 + 4^2} = \sqrt{25}$

$= 5$ km

238. Starting from a point Rajiv walk 30 m towards East and turns 'Right' and walks 20 m, and again turns 'Right' and walks 30 m, and finally turns 'Left' to and walks 20 m to reach his destination. How far is he from his initial point.

(a) 30 m (b) 20 m
(c) 35 m (d) 40 m

RRB JE - 29/05/2019 (Shift-II)

Ans. (d) : Rajiv travelling route is as follow:

$AE = AD + DE$

$\because AD = BC = 20$ m

$\therefore AE = 20 + 20 = 40$ m

Distance b/w initial point and destination = 40 m

239. A man walks 30 m towards 'South', then turning to his 'Right' and walks 30 m, then turning to his 'Left' he walks 20 m, again turning to his 'Left', he walks 50 m.
How far is he from his initial point.

(a) 20 m (b) 50 m
(c) 60 m (d) 70 m

SIFT S1 (1.01.2019 Shift : III)

Ans. (d) : According to the question,

Hence, man is 50 m away from his initial point.

240. Robit walks 5 km from a point 'P' towards East, he then turns 'Right' and walks 2 km, and again he turns to the 'Right' and walks 3 km, he again turns to the 'Right' and walks 2 km and reaches a point Q. What is distance b/w point P and Q?

(a) 4 km (b) 3 km
(c) 1 km (d) 2 km

RRB JE - 22/05/2019 (Shift-III)

Ans. (d) : According to the question,

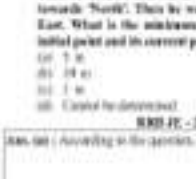
Distance b/w point P and Q is 2 km by diagram.

241. Rakesh stands at one point. He walks 20 m towards East and then 10 m towards 'South'. Then he walks 35 m towards West and then 5 m towards 'North'. Then he walks 15 m towards East. What is the minimum distance between initial point and its current position in meter?

(a) 5 m
(b) 10 m
(c) 1 m
(d) Cannot be determined

RRB JE - 24/05/2019 (Shift-I)

Ans. (a) : According to the question,



In diagram, Rakesh's initial point is O and final point is C.

$OC = AB - CD = 10 - 5 = 5$ m

242. A Postman was returning to the post office which was facing him to the North. When the post office was 100 m away from him, he turned left and walked 80 meters to deliver the last letter to the Shanti Villa, then turned and walked 40 meter in the same direction, and then turned to his right and walked 100 m. How many meters is he from the post office?

(a) 10 m (b) 50 m
(c) 100 m (d) 180 m

RRB JE - 22/05/2019 (Shift-I)

Ans. (b) : According to the question,

Distance covered to Shanti Villa= 80 m
Again walks 40 m to reach point C.
Again turns right and walks 100 m.
Distance of post office from him = DE + EF
= 40 + 10
= 50 m

243. Two boys A and B, start from the opposite direction of 14 km apart. A is facing east and B is facing west. A reaches the distance of 5 km towards east and B reaches a distance of 2 km towards west. What is the distance between the two boys?

(a) 7 km (b) 2 km
(c) 9 km (d) 11 km

RRB JE - 01/06/2019 (Shift-III)

Ans. (a) : According to the question,

Distance b/w both boys (CD) = AB − (AC + BD)
= 14 − (5 + 2)
= 7 km

244. Max walks 15 km from his home towards the west, turns left and walks 15 km from there, he turns left again and walks 15 km to reach his school. Find the shortest distance between his home and school

(a) 15 km (b) 45 km
(c) 25 km (d) 30 km

RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (a) : Max's path is as follows:

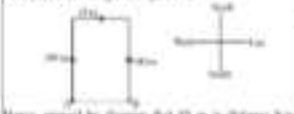
It is clear from the above diagram that the minimum distance between Max's school and home is = 15 km

245. Anita walked 100 meters from point A and turned right and walked 45 meters. She again turned to the right and walked 100 meters to point B. What is distance between point A and B?

(a) 10 m (b) 45 m
(c) 50 m (d) 100 m

RRB JE - 01/06/2019 (Shift-II)

Ans. (b) : According to the question,



Hence, proved by diagram that 45 m is distance b/w point A and B.

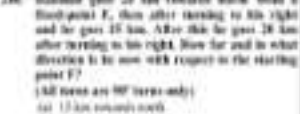
Type - 6

246. Rahman goes 20 km towards north from a fixed point F, then after turning to his right and he goes 15 km. After this he goes 20 km after turning to his right. How far and in what direction is he now with respect to the starting point F?
(All turns are 90° turns only)

(a) 15 km towards north
(b) 15 km towards south
(c) 15 km towards west
(d) 15 km towards east

RRB Group-D 11-10-2022 (Shift-I)

Ans. (d) : According to the question,



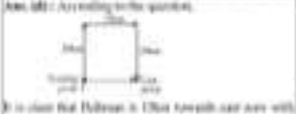
It is clear that Rahman is 15km towards east now with respect to the starting point F.

247. Ashutosh walks 90 m towards north from his house, then he turns left and walks 110 m, he again turns left and walks 150 m. He then turns left again, and covers a distance of 130 m. In which direction is Ashutosh now with respect to the starting point? (All turns are 90° turns only)

(a) North-west (b) North-east
(c) South-east (d) South-west

RRB Group-D 11-10-2022 (Shift-I)

Ans. (a) : According to the question,



Hence, it is clear from the diagram that Ashutosh is now in North-west direction with respect to the starting point.

248. Starting from point L, Narendra walks 100m towards the north. He takes a right turn and walks 900m. He takes a right turn again and walks 750m. Again, he takes a right turn and walks 900 m to reach point M. How far and in which direction is point M from point L? (All turns are 90 degree turns only)

(a) 700 m, North (b) 450 m, North
(c) 650 m, South (d) 700 m, South

RRB Group-D 30-08-2022 (Shift-II)

Ans. (c) : According to the question,

Hence, it is clear from above diagram that M is 650m far and in south direction from L.

249. Anya, from point A, walks 349 m towards the south. She takes a left turn and walks 329 m. She takes a left turn again and walks 349 m. She then takes a right turn and walks 94 m to reach point B. How far and in which direction is point A from point B? (All turns are 90 degree turns only)

(a) 110 m, East (b) 223 m, West
(c) 329 m, West (d) 283 m, East

RRB Group-D 30-08-2022 (Shift-III)

Ans. (b) : According to the question,

Distance from A to B = 129 + 94 = 223 m

Hence, it is clear from above diagram that A is 223 m far in west direction from B.

250. Starting from point A, Jagdish walks 90 m towards the west. He takes a left turn and walks 54 m. He takes a left turn again and walks 162m. Again, he takes a left turn and walks 54 m to reach point B. How far and in which direction is point A from point B? (All turns are 90 degree turns only)

(a) 36 m, West (b) 54 m, West
(c) 18 m, East (d) 18 m, East

RRB Group-D 30-08-2022 (Shift-I)

Ans. (b) : According to the question,

Hence, it is clear from above diagram that A is 54 m towards west direction from point B.

251. Subha started from point A and walked 20m towards the east. She then took a left turn and walked another 10m. She then took a right turn and walked 20m. She then took a right turn and walked 10 m. She then took a right turn and walked 40m. She then took a left turn and walked 5 m to reach a shopping mall. How far and in which direction is point A from the shopping mall? (All turns are 90 degree turns only)

(a) 5 m, South (b) 5 m, North
(c) 10 m, North (d) 10 m, South

RRB Group-D 24-08-2022 (Shift-I)

Ans. (b) : According to the question,

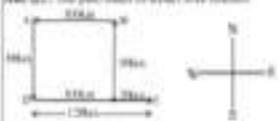
Hence, it is clear from above diagram that point A is 5km, far and in North direction from the shopping mall.

252. Rahul drives 80 km towards the north, and then he turns towards the east and drives 100 km. After that, he turns south and drives 80 km, and in the end, he turns east and drives 120 km. How far is the end point from the initial point?

(a) 100 km (b) 50 km
(c) 20 km (d) 80 km

RRB Group-D 24-08-2022 (Shift-I)

Ans. (c) : The path order of Rahul is as follows



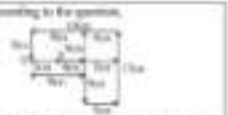
From the above diagram, it is clear that the end point 'E' is 20km far from the initial point 'A'.

253. Kiran starts from point A and drives 40m towards the east. He then takes a right turn, drives 30m, turns left and drives 40m. He then takes a left turn and drives 170m, takes a left turn and drives 140m. He then turns left, drives 80m and stops at point B. How far and towards which direction should he drive in order to reach point A from point B? (All turns are 90 degree turns only)

(a) 5 km towards the east
(b) 12 km towards the west
(c) 9 km towards the south
(d) 6 km towards the east

RRB Group-D 29-09-2022 (Shift-II)

Ans. (a) : According to the question,



Hence, it is clear from above diagram that Kiran is 5km far towards the east to reach point A from point B.

254. Rami starts from point A and drives 10km towards the west, he then takes a left turn, drives 8km, turns right and drives 3 km. He then takes a right turn and drives 8km, takes a right turn and drives 21 km and stops at point B. How far and towards which direction should he drive in order to reach point A from Point B? (All turns are 90 degree turns only)

(a) 4km towards the north
(b) 9 km towards the south
(c) 9 km towards the east
(d) 4km towards the south

RRB Group-D 29-09-2022 (Shift-II)

Ans. (a) : According to the question,

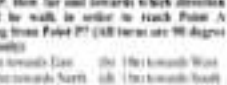
Hence, A is clear from the diagram that he drives 4km towards 'north' to reach point A from point B.

255. Anuj started to walk from a point A and goes 10 m towards North and then turned left and walked 5 m. He then turned right and walked a distance of 5 m and then again turned right and walked a distance of 5 m before stopping at point P. How far and towards which direction should he walk in order to reach Point A starting from Point P? (All turns are 90 degree turns only)

(a) 5m towards East (b) 10m towards West
(c) 10m towards North (d) 5m towards South

RRB Group-D 24-08-2022 (Shift-II)

Ans. (d) : According to the question,



Hence, it is clear from diagram that point A is 5m far and in south direction from point P.

256. R was standing at a point, facing north. R turned and ran towards the east for 50 m, then turned towards the south and walked for 30 m. He then turned left and ran for 40 m, then turned right and ran for 50 m, turned right again and walked for 10 m and at last, turned right and walked for 20 m. How much distance did R cover only by walk and in which direction is he facing now?

(All turns are 90 degree turns only)

(a) 100 m, South (b) 60 m, South
(c) 100 m, North (d) 60 m, North

RRB Group-D 21-08-2022 (Shift-II)

Ans. (d) : According to the question,

Hence, it is clear that B cover 60m distance by walk and he is facing north direction.

257. Ramdin started from his office and walked 10 km in the south direction and reached the bus stop, and then turned to his left and walked 8 km straight on the road. From there, he turned to his left, walked 25 km and reached the Central Library. After this, he turned to his left again and walked 4 km to reach his hostel. How far and in which direction is the hostel with respect to his office?

(a) 7 km towards South
(b) 4 km towards West
(c) 4 km towards East
(d) 12 km towards North

RRB NTPC (Stage-II) – 12/06/2022 (Shift-I)

Ans. (c) : According to the question,

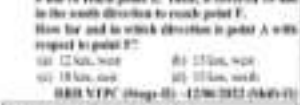
It is clear that he hostel is 4 km in East direction with respect to his office.

258. A train ran for 12 km in the north direction from point A to reach point B. From there, it took a right turn and ran for 20 km to reach point C. Then, it ran for 4 km after taking a left turn and reached point D. From there, it took a left turn again and ran for a distance of 8 km to reach point E. Then, it covered 18 km in the south direction to reach point F.
How far and in which direction is point A with respect to point F?

(a) 12 km, west (b) 15 km, west
(c) 18 km, east (d) 15 km, south

RRB NTPC (Stage-II) – 12/06/2022 (Shift-II)

Ans. (a) : According to the question,



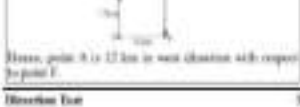
Hence, point A is 12 km in west direction with respect to point F.

259. Rohan started from his home towards the east, and after walking for 5 m, turned left. From there, after walking for 15 m, he turned right and walked for 5 m to reach a flower shop. In which direction is his home with respect to the flower shop? (All turns are 90° turns only).

(a) South-east
(b) South-west
(c) West
(d) North

RRB NTPC (Stage-II) – 14/06/2022 (Shift-I)

Ans. (b) : According to the question,



Hence, it is clear that in above diagram that Rohan's home is in South-west direction with respect to flower shop.

260. Mohan started travelling and he first went in the South direction. Then he took a turn to his left and walked a distance. Thereafter, he turned to his right and travelled some distance. Now if he turned to his left and walked again for a certain distance, in which direction is Mohan travelling now? (All turns are 90° turns only)

(a) West (b) North
(c) East (d) South

RRB NTPC (Stage-II) – 14/06/2022 (Shift-II)

Ans. (c) : According to the question,

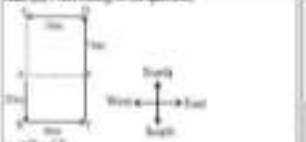
Hence, it is clear from above diagram that Mohan is walking towards the East direction.

261. Ravish Kumar starts running facing towards the south. He runs for 20 m, then takes a left turn, and then runs for another 30 m. Again, he takes a left turn and runs 70 m. He then finally turns left and walks 50 m.
What is the current position of Ravish with respect to the starting point? (All turns are 90° turns only)

(a) South, 70 m
(b) North, 50 m
(c) West, 20 m
(d) East, 30 m

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (b) : According to the question,



$\therefore$ AB = CF

$\therefore$ AB= 20 m, then, CF= 20 m

Now, AE+CD+CF [$\because$ DE||CD]

= 70+20

= 50m

Hence, the current position of Ravi is 50 meters, north direction from starting point.

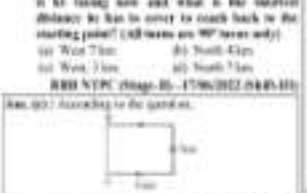
262. Lokesh runs 4 km facing east, takes a left turn and runs for another 2km. He finally takes a left turn, runs 4 km and stops. Which direction is he facing now and what is the shortest distance he has to cover to reach back to the starting point? (All turns are 90° turns only)

(a) West 7 km (b) South 4 km

(c) West 3 km (d) South 7 km

RRB NTPC (Stage-II) – 17/06/2022 (Shift-II)

Ans. (c) : According to the question,



Hence, it is clear from above that lokesh is 3km far from initial position and facing west direction.

263. Q started from a point and walked towards the south for 42 m and reached point A. Then turned right from point A and walked 2m, he then turned right again and walked 30m. Q turned left now and walked 10m, he then turned left again and walked 90m. How far is Q from point A?

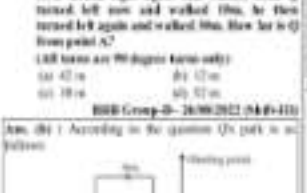
(All turns are 90 degree turns only)

(a) 42 m (b) 12 m

(c) 38 m (d) 52 m

RRB Group-D– 26/09/2022 (Shift-III)

Ans. (b) : According to the question Q's path is as follows



Hence, it is clear from diagram that Q is 12m away from point A.

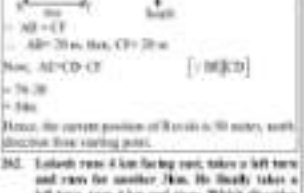
264. Among four stalls, P, Q, R and S, S is 40 m to the north of R, P is 60 m to the east of R, and Q is 50 m to the south of R. How far and in which direction is Q with reference to S?

(a) 90m, North (b) 140m, South

(c) 110m, South (d) 90m, South

RRB Group-D– 16/09/2022 (Shift-II)

Ans. (d) : According to the question,



Hence, Q is 90 m far in South with reference to S direction.

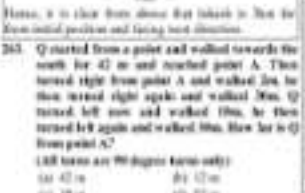
265. Parul started walking towards the north. After walking for 100 metres she turned right and walked for 400 metres. Then she turned right and walked for 200 metres. She then turned left and walked for 200 metres. Again, she turned left and walked for 200 metres. Finally she turned left and walked for 200 metres. In which direction and how far is Parul from her starting position? (All turns are 90 degree turns only)

(a) 200 metres west (b) 400 metres west

(c) 400 metres east (d) 200 metres east

RRB Group-D– 13/09/2022 (Shift-I)

Ans. (d) : According to the question,



After reaching at destination, the direction and distance of Parul from her starting point is 400 meters East.

266. Raghav starts from Point A and drives 10 km towards the north. He then takes a right turn, drives 4 km, turns right and drives 12 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 3 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P ? (All turns are 90 degree turns only)

(a) 1 km towards the west

(b) 1 km towards the east

(c) 4 km towards the east

(d) 5 km towards the north

RRB Group-D– 09/09/2022 (Shift-I)

Ans.(b) : According to the question,

Distance (FA) = 7 – 4 = 3 km

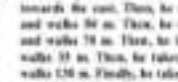
Hence, it is clear from above that Tim can direction should he drive in order to reach point A from point F.

207. Karan steps out of his home and walks 200 m towards the east. Then, he takes a right turn and walks 50 m. Then, he takes a right turn and walks 70 m. Then, he takes left turn and walks 35 m. Then, he takes a right turn and walks 130 m. Finally, he takes a final right turn and walks 45 m to reach his college. How far and in which direction is the college from Karan's house? (All turns are 90 degree turns only)

(a) 40 m, North (b) 40 m, South

(c) 10 m, North (d) 10 m, South

Ans. (b) : According to the question,



Distance is = (200+35)-(45+40m)

Hence, the college is in south direction from Karan's house.

208. Vinay starts from Point A and drives 8 km towards the east. He then takes a right turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 17 km. He takes a final left turn, drives 20 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B ? (All turns are 90 degree turns only)

(a) 6 km towards the north

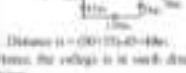
(b) 2 km towards the south

(c) 6 km towards the south

(d) 4 km towards the east

RRB Group-D- 06/09/2022 (Shift-I)

Ans.(c) : According to the question,



Hence, it is clear from above that Vinay has to drive 6km towards the south to reach point A from B.

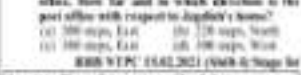
209. Jagdish walks 200 steps towards the east from his house, and then walks 40 steps after turning to his right to reach a tea stall. Then he walks 40 steps towards his right and reached a bus stop. Then he, turned towards his right and walks 40 steps. From there, turning towards his right he walks 140 steps and reached a post office. How far and in which direction is the post office with respect to Jagdish's house?

(a) 300 steps, East (b) 200 steps, North

(c) 300 steps, East (d) 100 steps, West

RRB NTPC 15.02.2021 (Shift-I) Stage Ist

Ans. (a) : The walking pattern of Jagdish is



Distance between home and post office = 200 + 100 = 300 steps

Hence, it is clear that the post office is 300 steps away from Jagdish's home and in east direction.

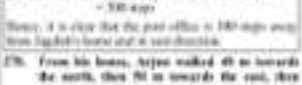
210. From his home, Arjun walked 40 m towards the north, then 50 m towards the east, then 25m towards the north and then 30m towards the west. He stopped at this point to buy some fruits from a fruit shop. He again walked 40m towards the north. How far and in which direction is Arjun's home from the fruit shop ?

(a) 75m, south (b) 40m, east

(c) 115m north (d) 115m south

RRB NTPC 23.02.2021 (Shift-I) Stage Ist

Ans. (a) : According to the question,



Hence, Direction and distance of Arjun's home from shop of fruits is 75m in south direction.

211. Sudha gave Rashi, direction to her home from Rashi's residence. She told Rashi, "If you cover 30 m towards the east and then after turning towards your left cover another 40 m, you will reach an X point. From there, turn towards your right and cover a distance of 30 m. Then turn to your right to cover 20 m and then again another 20 m to your left. Finally, by turning towards your right cover 20 m. You will find my home." How far and in which direction is Sudha's home from Rashi's home?

(a) 40 m towards the north-west

(b) 40 m towards the west

(c) 80 m towards the east

(d) 80 m towards the west

RRB NTPC 03.02.2021 (Shift-I) Stage Ist

Ans. (a) / According to the question,

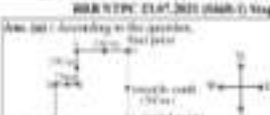
It is clear from the above diagram that Sudhir's house is 300 m towards east from Rachel's house.

272. M starts from her home, walks 300 m south, turns right and walks 800 m, turns right and walks 400 m, turns right and walks 250 m, turns left and walks 150 m and then turns right and walks 350 m. How much distance and in which direction should she walk back to reach her home by the shortest route?

(a) 100 m Southeastwards (b) 250 m Westwards
(c) 200 m Eastwards (d) 500 m Northwards.

RRB NTPC 23.07.2021 (Shift-I) Stage-I

Ans. (a) / According to the question,



Hence, it is clear that M have to walk 500m southward to reach home by the shortest route.

273. Monesh ran 340 steps towards north and then ran 90 steps after turning to his left. He then ran 130 steps towards his right. He then, turned towards his right and ran 90 steps. From there, he turned towards his right and ran another 240 steps. How far and in which direction is Monesh with respect to the starting point?

(a) 230 steps, North (b) 200 steps, South
(c) 100 steps, North (d) 330 steps East

RRB NTPC 04.03.2021 (Shift-II) Stage-I

Ans. (a) / As per question,

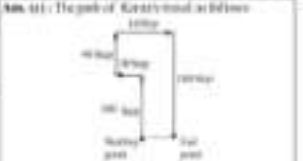
Therefore, distance of Monesh = (340 + 130) − 240
= 470 − 240
= 230 steps North

274. Karan walked 100 steps towards the north and then walked 30 steps after turning to his left. Then he walked 40 steps towards his right. Then he, turned towards his right and walked 40 steps. From there turning towards his right he walked 140 steps. How far and in which direction is Karan with respect to the starting point.

(a) 30 Steps, West
(b) 20 Steps, North
(c) 10 Steps, East
(d) 20 Steps, West

RRB NTPC 09.03.2021 (Shift-II) Stage-I

Ans. (c) / The path of Karan's travel is follows



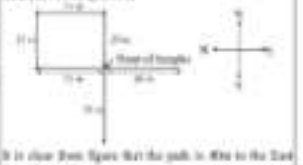
Hence, Karan is 10 steps east from his starting point.

275. Monesh walked from the park 75 m to the West, 25 m to the North, 35 m to the East and then 25 m to the South. She stopped at this point to buy bangles from the bangle stall. She walked again 35 m to the South. How far and in which direction is the park from the bangle stall?

(a) 40 m to the South
(b) 40 m to the East
(c) 75 m to the West
(d) 40 m to the West

RRB NTPC 09.03.2021 (Shift-II) Stage-I

Ans. (b) / From question,



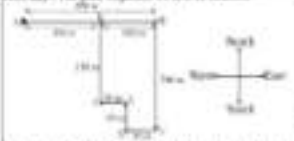
It is clear from figure that the park is 40m to the East from shop of bangles.

276. From a coffee shop, X walked 500m towards the East, 200 m towards the South, 50m towards the West, 50m towards the North, 50m towards the West and 150 m the North. How far and in which direction is X from the coffee shop.

(a) 400 m, West (b) 150 m, East
(c) 200 m, South (d) 400 m, East

RRB NTPC 31.07.2021 (Shift-II) Stage-I

Ans. (d) : The path sequence of X is as follows:



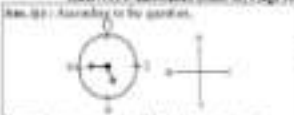
It is clear from the above diagram that x is at a distance of (500+500) = 400 m. from the coffee shop (A) in the East direction.

277. According to the time in Rajat's watch, it is quarter to 6. If the hour hand points towards the south, then in which direction does the minute hand point?

(a) East (b) South
(c) West (d) North

RRB NTPC 22.01.2021 (Shift-II) Stage 1st

Ans. (a) : According to the question,



Hence, the minute hand will be in the west direction.

278. Tanu walked 3 m from her initial position towards the north Manu walked 4 m from the same point towards the east. Gunu started from the point where Tanu stopped and walked straight to Manu taking the shortest route. In which direction did she walk and how much distance did she cover?

(a) West, 4.98 m (b) North-east, 5 m
(c) South, 4.98 m (d) South-east, 5 m

RRB NTPC 12.02.2021 (Shift-I) Stage 1st

Ans. (d) : According to the question,

By figure the shortest way of Gunu will be AC.

$AC^2 = AB^2 + BC^2$

$AC = \sqrt{3^2 + 4^2}$

So, $AC = 5$

It is clear that Gunu will have to go 5 meter south-east.

279. Manoor walked from his school, 60 m west, 40 m north, 25 m east and then, 45 m south. He stopped at this point to issue books from library. How far and in which direction is Manoor's school from the library?

(a) 60 m, east (b) 40 m, south
(c) 60 m, west (d) 35 m, west

RRB NTPC 08.02.2021 (Shift-I) Stage 1st

Ans. (a) : From question,

Distance of library from Manoor's school

= 60 - 25

= 60 m (west)

Hence, Manoor's school is 60 m. in the east direction from the library.

280. Starting from point S, Mahesh walked 25 meters towards North, He turned to his left and walked 50 meters. He again turned to his left and walked 25 meters. He again turned to his left and walked 60 meters and reached point T. How far and in which direction is Mahesh from point S?

(a) 10 m, East (b) 10 m, West
(c) 25 m, West (d) 25 m, North

RRB JE - 31/05/2019 (Shift-III)

Ans. (b) : According to the question,

Distance b/w S and T = 60 - 50 = 10 m

Direction of S respect to T = West

281. Starting from a point, Ganesh walks 12 m in the 'North'. Then he turned to the right and walks 10 m, he again turned to the 'Right' and walks 12 m, then he turned to the 'Left' and walks 5 m. now how far and in which direction he is from the starting point?

(a) 12 m, east (b) 10 m, west
(c) 10 m, east (d) 5 m, west

RRB JE - 01/06/2019 (Shift-I)

Ans. (a) : Ganesh's direction path is as follows:

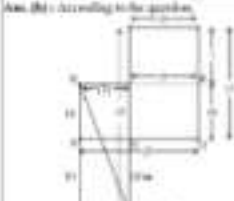
Hence, Ganesh is 12 m. East away from initial point.

282. Starting from point M, Harish walks 10 m towards 'South'. He turned to the 'Left' and walked 25 m. He then turned to the 'Left' and walked 20 m. He again turned to the 'Left' and walked 10 m. He again turned to the 'Left' and walked 35 m to reach point P. How far and in which direction is Harish from point M?

(a) 35 m, west
(b) 25.00 m, south-west
(c) 25.00 m, south-east
(d) 25.00 m, north-east

RRB JE - 30/05/2019 (Shift-III)

Ans. (b) : According to the question,



Distance of Harsh from point M to P = $\sqrt{20^2 + 5^2}$

$= \sqrt{425} = 20.62$ m (South-East)

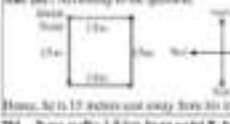
203. Vijayan starts walking towards the 'North'. After walking 15 m, he turned to the 'Left' and walked 15 m. He again turned to the left and walked 15 m. How far and in which direction is he from his starting point?

(a) 30 m, east (b) 15 m, east

(c) 15 m, west (d) 15 m, south

RRB JE - 31/08/2019 (Shift-I)

Ans. (b) : According to the question,



Hence, he is 15 metres east away from his initial point.

204. Naga walks 1.5 km from point P, keeping to the North. He then turns to the right and walks 2 km to reach point Q. How far is Naga from point P and what is the direction of P to Q?

(a) 3.5 km, south-east

(b) 2.5 km, south-west

(c) 3.5 km, south-west

(d) 2.5 km, north-east

RRB JE - 26/08/2019 (Shift-I)

Ans. (b) : According to the question,

$PQ^2 = (1.5)^2 + (2)^2$

$= 2.25 + 4 = 6.25$

$PQ = \sqrt{6.25}$

$PQ = 2.5$

Hence, P's direction is 2.5 km south-west from Q.

205. Starting from a point, Raja walked 12 m towards 'North', then he turned 'Right' and walked 10 m. He again turned 'Right' and walked 12 m. he again turned 'Left' and walked 5 m. Now how far and in which direction is he from the starting point?

(a) 19 m, toward west (b) 27 m, toward east

(c) 5 m, toward east (d) 17 m, toward east

RRB JE - 02/06/2019 (Shift-I)

Ans. (d) : According to the question,

$\therefore OD = OC + CD$

$OD = 10\,m + 5\,m = 15\,m$

Hence, Raja is 15 m away from his initial point and in East direction.

206. Ariel walks 100 meters towards East and then 80 meters to his right. Then, each time turning to his left, he walks 70, 150 and 150 meters respectively. Now how far and in which direction is he from the starting point?

(a) 80 m, North (b) 70 m, North

(c) 70 m, South (d) 100 m, South

RRB JE - 02/06/2019 (Shift-II)

Ans. (c) : According to the question,

Hence, Ariel is 70 m (North) away from initial point.

207. Anand walks right 4 km to the West from his house and turns 4 km to the South. Finally, he walks right 1.5 km to the west? Now what is his distance from his house in which direction is his house?

(a) 5.5 km (b) 3.5 km

(c) 6.5 km (d) 7.5 km

RRB JE - 29/05/2019 (Shift-II)

Ans. (c) : According to the question,

AE = AB + BE

$\because BE = CD = 1.5$ km

$\therefore AE = 4 + 1.5 = 5.5$ km

and BC = DE = 4 km

Distance of Ananda's destination from his house = AD

$$AD = \sqrt{(AE)^2 + (DE)^2}$$

$$= \sqrt{(7.5)^2 + (4)^2} = \sqrt{56.25 + 16}$$

$$= \sqrt{72.25} = 8.5 \text{ km}$$

208. Facing South, Ram walks 30 m, turns 'Left' and walks 20 m and turns 'Left' and walks 30 m. How far is he from his initial point and in which direction?

(a) 25 m, east (b) His initial point

(c) 25 m, west (d) 20 m, east

RRB JE - 23/05/2019 (Shift-I)

Ans. (a) : Ram's travelling path is as follows:

Hence, Ram is 25 m (East) away from his initial point.

209. Lalit walks 9 km towards East, then turns 'Left' and walks 8 km, again turns 'Left' and walks 5 km. How far is he from his initial point and in which direction now?

(a) 12 km, north-west (b) 10 km, north-east

(c) 14 km, south-east (d) 8 km, south-west

RRB JE - 28/06/2019 (Shift-III)

Ans. (b) : According to the question,

From Pythagoras theorem :-

$$100^2 = OQ^2 + 8.2^2$$

$$100^2 = \sqrt{OQ^2 + 67}$$

$$100^2 = \sqrt{36 + 64}$$

$$100^2 = \sqrt{100}$$

$$OQ = 10$$

Hence, he is 10 km (North-East) away from his initial point.

210. I walked 10 km towards West from point A and turned right and walks 2 km. Again turns 'Right' and walks 10 km to reach point B. What is distance between point A and B, and which direction is front of me?

(a) 2 km, east (b) 4 km, north

(c) 2 km, north (d) 4 km, east

RRB JE - 27/06/2019 (Shift-I)

Ans. (a) : According to the question,

Hence, from the diagram it is clear that the distance is 2 km from point A to B and facing towards East direction.

211. From point P, Akshay starts walking towards East. After walking 30 meters, he turns to his right and walks 10 meter. He then to his right turns and 30 meters walks. Again turns to his rights and walks 30 meters. How far and in which direction is he from point P?

(a) On point P (b) 20 m, West

(c) 10 m, North (d) 20 m, North

RRB JE - 27/06/2019 (Shift-I)

Ans. (d) : Akshay's travelling path is as follows:

Hence, from the diagram it is clear that Akshay is 20 m, North away from point P.

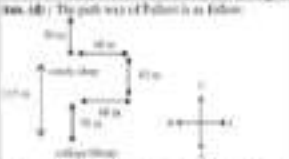
212. Pallavi walked from her college library, 70 m towards the north, then 60 m towards the west, then 45 m towards the north and then 40 m towards the west. She stopped at this point to buy some candies from a candy shop. She again walked 50 m towards the north. How far and in which direction is Pallavi's college library from the candy shop?

(a) 150 m, east (b) 140 m, south

(c) 115 m, north (d) 115 m, south

RRB NTPC 04/01/2021 (Shift-I) Stage Ist

Ans. (d) : The path way of Pallavi is as follows:



Hence, distance between library and candy shop = 115 m, and college library is in south direction from candy shop.

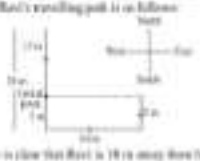
213. Ravi starts walking towards North. After walking 10 meters, he turns South. After walking 20 meters, he turns East and walks 10 meters. Then he turns North and walks 5 meters. How far and in which direction is he it from his starting point?

(a) 10 m, west (b) 10 m, south

(c) 10 m, east (d) 10 m, north

RRB JE - 01/06/2019 (Shift-III)

Ans. (a) Ravi's travelling path is as follows:



Hence, it is clear that Ravi is 10 m away from his initial point, and in East.

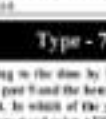
Type - 7

394. According to the time by Hobbs's watch, it is quarter past 9 and the hour-hand is pointing to the west. In which of the given directions will the minute-hand point AFTER 75 minutes?

(a) East (b) North
(c) South (d) West

RRB NTPC 15.01.2021 (Shift-II) Stage-1st

Ans. (b) Starting position,



Second position :
Adding 75 minutes to 9:15, the minute hand at 10:30 will be in the North direction.

395. According to the time by Rick's watch in quarter past eight. If the minute hand points towards the east, towards which direction would the hour hand point?

(a) South-west (b) North-west
(c) North-east (d) South-east

RRB NTPC 16.01.2021 (Shift-I) Stage-1st

Ans. (a) According to the question,

If minute hand indicates towards East, then hour hand indicates towards South-West.

396. According to the time by Nihad's watch its half past one and the hour hand is pointing towards the North-East. Assuming that there is no change in Nihad's position, in which direction would the minute hand point after 30 minutes?

(a) South (b) West
(c) North (d) East

RRB NTPC 21.01.2021 (Shift-II) Stage-1st

Ans. (c) According to the question,

Starting position Second position

It is clear from the above picture that after changing the position, the minute hand will point towards the North.

397. Aarvan is waiting for Rashmi at a coffee shop at 3:00pm. In his wristwatch, if the hour needle point North-East, then what will be the direction indicated by the minute needle.

(a) North-West (b) South-West
(c) North-East (d) South-East

RRB Group-D – 22/10/2018 (Shift-I)

Ans. (a) According to the question,

At 3 pm, the actual direction of the clockwise needle should be towards the East, which is North-East.
Therefore, North-East direction will be obtained by moving 45° anticlockwise. Similarly, the minute needle should be at 12 (North direction) from which 45° anticlockwise will give the North-West direction.

398. Sandeep wears a watch. at 4.00 pm his clock-minute needle was facing north, then which direction would the hour-long needle be?

(a) West (b) East
(c) South (d) North

RRB Group-D – 22/10/2018 (Shift-III)

Ans. (c) According to the question,

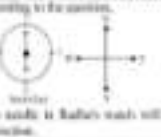
The clock hour needle of Sandeep will be in the South direction at 4:00 pm.

399. Sudha and Radha were playing chess sitting in the standard playing chess system. Sudha noted that hour-long needle on her watch showed the time of 6 O'clock and it was in the north-east direction. So what will be the direction of the minute needle in Radha's clock?

(a) South-West (b) South
(c) West (d) North-West

RPF Constable 30.01.2019 Shift - III

Ans. (a) According to the question,



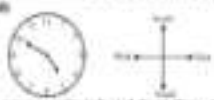
Hence, minute needle in Radha's watch will be in the South-West direction.

100. Abu's watch is 4:30, where the minute needle is towards the north-east. What direction is the hour needle?

(a) East (b) South-West
(c) South (d) South-East

RRB JE - 31/05/2019 (Shift-II)

Ans. (d)



If the minute needle indicated North-West, then the hour needle will indicate South-East direction.

101. A boy is standing on a platform and the clock looks at 8:40 in the evening. Hour needle points to the East and minute needle stand points to the West. In which direction the boy is facing?

(a) North (b) South-West
(c) East (d) South-East

RRB JE - 26/05/2019 (Shift-II)

Ans. (a) : According to the question,

Hence, it is clear that the boy stands in North direction.

102. According to the Bihan's watch time, it is half past 4 and the watch's hands are pointing to the south. In which of the given directions will the minute-hand point after exactly 24 hours?

(a) North (b) South
(c) West (d) East

RRB NTPC 13/01/2021 (Shift-II) Stage 1st

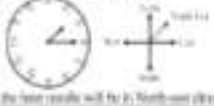
Ans. (b) : After 24 hours, the clockwise direction will be the same i.e. the direction will be South.

103. A clock shows the time of 4:30. If the minute needle points east, in which direction will the hour needle be ?

(a) North-East (b) South-West
(c) North (d) South-East

RRB JE - 02/06/2019 (Shift-II)

Ans. (d) : According to the question,



Hence, the hour needle will be in South-east direction.

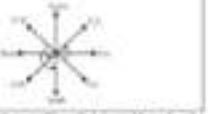
Type - 8

104. If the south-east direction moves two places and becomes north-east; and north-west moves two places to become south-west, what would be the direction that west would become, assuming all other directions make similar movements.

(a) North-east (b) East
(c) North-West (d) South

RRB NTPC 08/01/2021 (Shift-II) Stage 1st

Ans. (d) : The changed direction is obtained by rotating 90° anticlockwise from the direction, then rotating 90° clock-wise from the west direction will give the south direction.



105. From his home, Kamal drives 10 m in the north-west direction and then 10 km in the south-east direction. After that, he drives 10 km in the south-east direction. Finally, he turns towards his home and drives further.
In which of the directions given below is he most likely to be driving?

(a) North-West (b) South-West
(c) South-East (d) North-East

RRB NTPC 31/01/2021 (Shift-I) Stage 1st

Ans. (d) : According to the question,

From the given figure, it is clear that it is the most probable that Kamal is driving in North-east direction.

106. (d) drives 12 km to the west from point P. He then takes a right turn, drives 6 km and reaches point Q. From there, he takes a right turn, drives 6 km and reaches point S. He then takes a final right turn, drives 10 km and stops at point T.
Which of the following will take him to point P from point T?

(a) Drive 4 km to the north, take a left turn and drive 7 km
(b) Drive 7 km to the east, take a left turn and drive 4 km
(c) Drive 4 km to the west, take a right turn and drive 10 km
(d) Drive 7 km to the east, take right turn and drive 4 km

RRB NTPC 26/07/2021 (Shift-I) Stage 1st

Ans. (b) : According to the question,

It is clear that, (d) has to drive 7 km in the East and then after turning left he has to travel 4 km in the North to reach at point P.

107. P drives 4 km towards East from his office. Then he drives 1 km towards South and reaches the library, from there he takes a left turn and drives 2 km to the clinic, then turns left and drives 2 km to the market, then turns right and drives 1 km to reach his in-laws home and taking his wife, turns right and drives 5 km to a restaurant to have dinner.
On the basis of the given information, which of the following option is correct?

(a) If P drives 1 km West from the restaurant, then turns right and drives 3 km, he will reach the clinic.
(b) If P drives 5 km South from his office, then turns left and travels 9 km, he will reach the restaurant
(c) The library is in the North-West direction from the market
(d) P's in-laws house is definitely less than 7 km away from his office.

RRB NTPC 24.07.2021 (Shift-1) Stage Ist

Ans. (a) : According to the question, on drawing diagram we have-

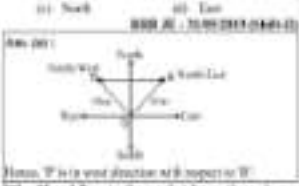
Hence, it is clear from diagram that if P drives 1 km West from the restaurant and then turns right and drives 3 km, then he will reach the clinic.

108. P is 10 m from 'Q' in the North-West direction and R is 20 m North-East from 'Q'. What is the direction of P with respect to R?

(a) West (b) South
(c) North (d) East

RRB JE - 31.08.2019 (Shift-1)

Ans. (b) :



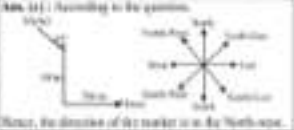
Hence, 'P' is in west direction with respect to 'R'.

109. M and P go to the market from their home. They both walk 700 m West and take a right turns walks 100 m and then turns off satisfactorily to reach the market of their home, in which direction is the market in relation?

(a) South-East (b) South-West
(c) North-West (d) North-East

RRB Group-D – 26.09.2018 (Shift-III)

Ans. (c) : According to the question,



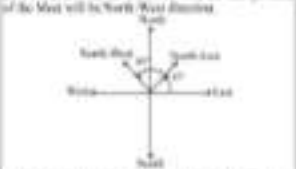
Hence, the direction of the market is in the North-west.

110. Mast starts cycling in the direction of the sun in the morning. After some time, on his left side of the 45° takes a turns and turns 90° to its left. Now in which direction is he in relation to his initial position?

(a) North-East (b) South-East
(c) South-West (d) North-West

RRB Group-D – 27.09.2018 (Shift-I)

Ans. (d) : On rotating 45° anticlockwise from sun's direction (east) and 90° anticlockwise, the final position of the West will be North-West direction.



111. X and Y go on a bike ride, starting early morning, facing sun. They approach a cross road at a distance of 1 km. X takes left turn and Y goes to the right. After travelling for 1 km, Y turns to his right and travels 3 km to reach a village. In which direction is the village with respect to Y's initial position?

(a) North-West (b) South-West
(c) North-East (d) South-East

RRB Group-D – 27.09.2018 (Shift-III)

Ans. (b) : According to the question,

From diagram, it is clear that his last position is the South-West.

312. Lathika and her friend are sitting opposite each other in a restaurant. Lathika is sitting facing West. The waiter comes to take the order and stands at 90° to the right of Lathika. In which direction is the waiter standing?

(a) East (b) South
(c) North (d) West

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (b) : According to the question,

From the diagram it is clear that waiter stands in South direction.

313. Akila sweep becomes a square hall whose entrance is in the East direction. After entering the room, Akila starts cleaning her right side. Once folded, she makes an angle of 90 with the sweep which direction is the sweep now?

(a) South (b) South
(c) West (d) East

RRB Group-D – 06/12/2018 (Shift-II)

Ans. (a) : According to the question,

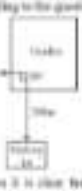
From the diagram, it is clear that the direction of sweep towards west direction.

314. Two friends are parking their vehicle in a garden. The parking lot is 200m from the garden and is located 90° to the right of the garden entrance. If the garden entrance is to the West then in which direction is the parking lot located?

(a) South (b) West
(c) North (d) East

RRB Group-D – 09/12/2018 (Shift-II)

Ans. (a) : According to the question,



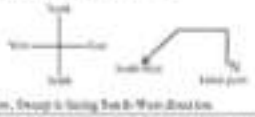
From the diagram it is clear that parking lot place in South direction from the entrance of garden.

315. N is going to clean up a gallery whose entrance is on the South side. After entering the gallery, N starts cleaning to the left. In a single blow , N makes an angle of 45° to his left with the sweep. Which direction is the broom facing now?

(a) South-West (b) North-East
(c) South-East (d) North-West

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a) : According to the question,



Now, Sweep is facing South-West direction.

316. Which of the following statements are sufficient to answer the given question?

Question:

Shriram is now facing which direction?

Statement :

(I) Shriram is facing East, he first rotates 90° clockwise then 180° Anticlockwise and finally 45° clockwise.

(II) Shriram travels a distance of 2.5 km straight from his present position, then he turns to the right and walks 5 km.

(a) Only I statement follows.
(b) Only II statement follows.
(c) Both I and II statement follows.
(d) Either I or II statement follows.

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (a) : Statement I,

Hence, he walks towards of North-East direction.

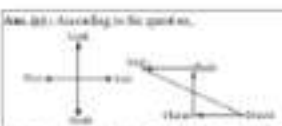
Hence, only statement I follows.

317. Four friends Arun, Rohit, Chetan and Dinesh live in the same colony. Rohit's house is in the East direction of Arun's house, but North of Chetan's house. Chetan's house is in the West direction of Dinesh's house. In which direction is Dinesh's house in reference to Arun's house.

(a) North-East (b) North
(c) South-East (d) South

RPF SI 12.01.2019 Shift : I

Ans. (a) : According to the question,



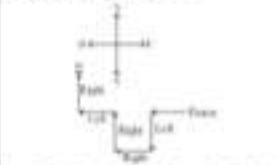
From the diagram it is clear that Anu's house is in North-East with respect to Dhanik's house.

318. Shipra leaves to visit her grandmother's house. She leaves her house and turns left first. After she turns to the right and then to the right and to the left. And finally she turns to the right and reaches right in front of the door of her grandmother's house. If Shipra's house is in the East direction then her grandmother's house?

(a) East
(b) West
(c) South
(d) North

RRB NTPC 18.01.2017 Shift : II

Ans. (d) : According to the question,



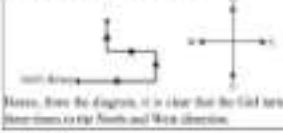
Hence, Shipra's grandmother house will in the North direction.

319. A girl ran out from her home and turned right. Again she turned to the left and turned to the right. How many times did she turn North and West?

(a) Turned three times
(b) Turned two times
(c) Turned one times
(d) Turned four times

RPF Constable 20.01.2019 Shift : III

Ans. (a) : According to the question,



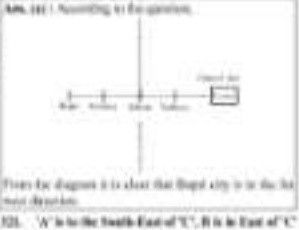
Hence, from the diagram, it is clear that the Girl turned three times to top North and West direction.

320. The city of Parunda is located on Green lake. Akram city is located to the west of parunda. Tokhara city is to the east of Akram city but West of parunda city. Kokrin city is to the East of Bagri city but West of Tokhara and Akram city. If they are all in the same district, then which city is located in the far West?

(a) Bagri (b) Akram
(c) Kokrin (d) Parunda

RRB JE - 20/05/2019 (Shift-I)

Ans. (a) : According to the question,



From the diagram it is clear that Bagri city is in the far west direction.

321. 'A' is to the South-East of 'C', B is in East of 'C' and North-East of 'A'. If D is to North of 'A' and North-West of 'B'. Then what is the direction of 'C' with respect to 'D'?

(a) North-East (b) South-West
(c) North-West (d) South-East

RRB JE - 22/05/2019 (Shift-II)

Ans. (b) : According to the question,

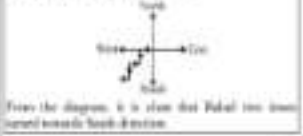
Hence, direction of 'C' is South-West with respect to 'D'.

322. Rahul starts walking towards West. After a while he turns to the left and then to his right. Then he turns to the left and turn to the right. How many times he turns to the South.

(a) Four times (b) Three times
(c) One times (d) Two times

RRB JE - 22/05/2019 (Shift-I)

Ans. (d) : According to the question,



From the diagram, it is clear that Rahul two times turned towards South direction.

07.

Blood Relation

Type - 1

1. **Rohi and Juhi are sisters. Krishna is Juhi's father's father. Krishna is the mother of Arvind. Arvind is the father of Rohi, who is the only brother of Rohi. How is Krishna related to Rohi?**
   (a) Father's father (b) Mother's brother
   (c) Mother's father (d) Father

   RRB NTPC (Stage-II) - 12/06/2022 (Shift-I)

Ans. (a) : On drawing blood relation diagram according to the question.

Hence, Krishna is Grandfather (Father's father) of Rohi.

2. **Neha is the mother of Vipul. Rajat is Neha's brother. Prabhakar is the father of Rajat. How is Prabhakar related to Vipul?**
   (a) Mother's Brother (b) Mother's Father
   (c) Father's Father (d) Father's Brother

   RRB NTPC (Stage-II) - 16/06/2022 (Shift-III)

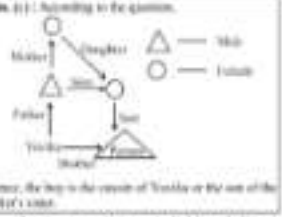
Ans. (b) : On drawing blood relation diagram according to the question.

Hence, Prabhakar is the maternal grandfather or Mother's Father of Vipul.

3. **Pointing at a picture, Yerika said that the boy in the picture is the son of her father's mother's daughter. How is that boy related to Yerika?**
   (a) Mother's brother's son
   (b) Father' brother
   (c) Father's sister's son
   (d) Brother

   RRB NTPC (Stage-II) - 17/06/2022 (Shift-II)

Ans. (c) : According to the question.

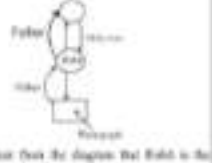


Hence, the boy is the cousin of Yerika or the son of the father's sister.

4. **Pointing to a photograph, Rohit said, "She is the daughter of the only son of my father." How is Rohit related to the girl in the photograph?**
   (a) Cousin (b) Brother
   (c) Father (d) Uncle

   RRB NTPC 07.01.2021 (Shift-I) Stage-II

Ans. (a) : Blood relation diagram according to the question is :



Hence, it is clear from the diagram that Rohit is the father of the girl in the photograph.

5. **Rahul is the brother of Raj. Radha is the sister of Raman. Raj is the son of Radha. Then how is Rahul related to Radha?**
   (a) Nephew (b) Son
   (c) Uncle (d) Brother

   RRB NTPC 08.01.2021 (Shift-II) Stage-II

Ans. (b) : According to the question, blood relation diagram is as follows.

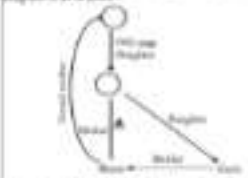
From the given blood relation diagram it is clear that Rahul is the son of Radha.

6. Introducing to Geeta, Bhanu said, "She is the daughter of the only one daughter of my grandmother" How is Bhanu related to Geeta (Some from the following options)

(a) Son (b) Brother
(c) Father (d) Maternal Uncle

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (b) : According to the question Blood relation diagram is as in form :



It is clear from the above diagram that Bhanu is a brother of Geeta.

7. Rohan is Sumit's brother, Sumit wants to marry Sujata, Sujata is the daughter of Hari Chand, Rohan wants to divorce Sunita, Sujata and Sunita are sisters. How is Harish Chandra related to Rohan?

(a) Wife's paternal uncle
(b) Father
(c) Brother's father in law
(d) Father in law

RRB NTPC 16.01.2021 (Shift-1) Stage Ist

Ans. (d) : According to the question

It is clear from the above diagram that Harichand is the father-in-law of Rohan.

8. Shubham said, "I have no brother or sister. This man in the photograph is the husband of my mother's daughter-in-law". Whose photograph is Shubham referring to?

(a) Son-in-law (b) Cousin
(c) Son (d) Self

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (d) : On drawing Blood relation diagram according to the question.

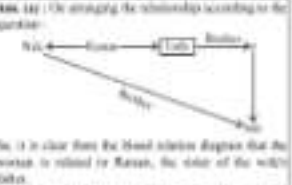
So it is clear from the above blood relation diagram that Shubham is referring to the picture of himself.

9. Pointing to a lady, Raman said, "The son of her only brother is the brother of my wife." How is the lady related to Raman?

(a) Wife's father's sister
(b) Father's sister
(c) Wife's mother
(d) Wife's brother's wife

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (a) : On arranging the relationship according to the question :



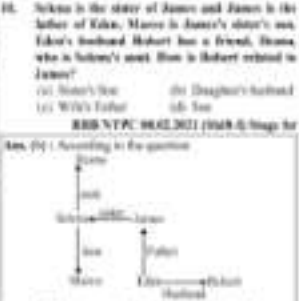
So, it is clear from the blood relation diagram that the woman is related to Raman, the sister of the wife's father.

10. Nehna is the sister of James and James is the father of Eshu. Marco is James's sister's son, Eshu's husband Robert has a friend, Deana, who is Nehna's aunt. How is Robert related to James?

(a) Sister's Son (b) Daughter's husband
(c) Wife's Father (d) Son

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (b) : According to the question



Hence, it is clear from blood relation diagram that Robert is husband of James daughter.

11. If you are the only child of your mother, Mary. Your maternal uncle, Christopher, is the husband of Meredyn. Sophie is the only sister of Meredyn. Jonathan is Sophie's sister's son. How is your mother related to Jonathan?

(a) Father's Sister (b) Father's Mother
(c) Mother's Mother (d) Mother's Sister

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (c) :

Hence, relationship of mom's mother is Jonathan father's mom.

12. **Zaman and Saman are brothers who have a single parent, Sachin. Sachin is brother of Daman, Whose mother has an only brother named Sher. Daman is the paternal aunt of Zaman. Sher has only one nephew and one niece. What is the name of Sher's nephew?**
(a) Sachin (b) Zaman
(c) Hanuk (d) Saman

RRB NTPC 09.02.2021 (Shift-1) Stage 1st

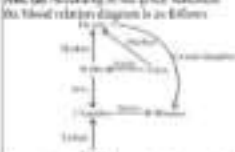
Ans. (a) : As per question, drawing the relation diagram

It is clear from diagram that Sachin is the name of Sher's nephew.

13. **Monica and Chandler are siblings. Chandler is the nephew of Grace and the father of Maria. Kathy is the sister of Grace. Phoebe is the mother of Kathy. How is Monica related to Phoebe?**
(a) Great daughter (b) Aunt
(c) Niece (d) Daughter

RRB NTPC 11.02.2021 (Shift-1) Stage 1st

Ans. (d) According to the given statement the blood relation diagram is as follows



Hence, it is clear from the above that Monica is Phoebe's Granddaughter.

14. **Dustin is Mike's son. Will is the name of Bob's son. The son of Bob's father Alex is the brother of Mike. How is Dustin related to Will?**
(a) Friend
(b) Brother's son
(c) Father's Brother
(d) Father's Brother's Son

RRB NTPC 11.02.2021 (Shift-1) Stage 1st

Ans. (d) : According to the question

Hence, Dustin is the son of Will's father's brother.

15. **Vishit has a son Rishit who is married to Gita. Gita's husband's only brother Ifer is the son of Rabita. Rabita and Jamila are sisters and the only children of their parents. How is Rabita related to Gita?**
(a) Mother (b) Husband's sister
(c) Mother-in-law (d) Sister

RRB NTPC 13.02.2021 (Shift-1) Stage 1st

Ans. (c) : According to the question,

Hence, it is clear that from above diagram that Rabita is the mother in law of Gaita.

16. **Jitesh's brother-in-law Jagdish is also Suresh's father-in-law. How could Suresh's wife be related to Jitesh ?**
(a) Aunt (b) Sister-in-law
(c) Niece (d) Cousin

RRB NTPC 13.02.2021 (Shift-1) Stage 1st

Ans. (c) : On drawing blood relation diagram according to the question,

It is clear from the diagram that Suresh's wife will be Jitesh's niece and Jitesh will be Suresh's wife's maternal uncle.

17. **Hari is the father-in-law of Ram and husband of Kanchan. Kanchan is the mother of her only daughter Suman. If Sachin is the Daughter of Suman, then what is the relationship between Sachin and Ram?**
(a) Niece and maternal uncle
(b) Daughter and Father
(c) Nephew and maternal uncle
(d) Sister and Brother

RRB NTPC 04.03.2021 (Shift-1) Stage 1st

Ans. (b) : On drawing blood relation diagram according to the question,

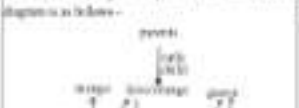
Hence, it is clear from above diagram that Sachin and Ram is related as daughter and father.

18. Guava is the only uncle of grape, mango is the mother of apple. Kiwi is apple's paternal uncle. Banana and grape are the children of kiwi. Banana's mother, orange, is the only child of her parents. How is Guava related to apple?

(a) Paternal uncle (b) Maternal uncle
(c) Father (d) Brother

RRB NTPC 01.04.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question the blood relation diagram is as follows –



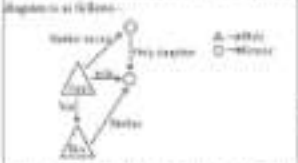
Hence, it is clear from above diagram that Guava is father of apple.

19. Introducing a boy, Virat said, "His mother is the only daughter of my mother-in-law." How is the boy related to Virat?

(a) Son (b) Uncle
(c) Brother (d) Husband

RRB NTPC 08.01.2021 (Shift-I) Stage Ist

Ans. (a) : According to the question the blood relation diagram is as follows –



Hence, it is clear from above diagram that the boy is "Son" of Virat.

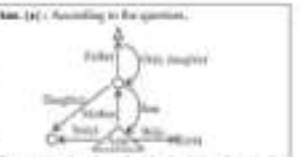
20. Pointing to a lady, Ajay said, "She is the only daughter of my mother's father. She has two children. Her only son's wife is Reeta."

Ajay is the lady's _____

(a) Son (b) Brother
(c) Nephew (d) Husband

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (c) : According to the question,



Hence, it is clear from the blood relation diagram that Ajay is the son of mother's.

21. Pointing to Jayant, Gita said "He is the only son of Raghir, who has two sisters and one of them is Anshika". Shree is the brother of Gautam. Raghir is the paternal grandfather of Gautam, who is the daughter of Gita. Then how Jayant is related to Gita?

(a) Brother (b) Husband
(c) Sister's Husband (d) Father

RRB NTPC 29.01.2021 (Shift-I) Stage Ist

Ans. (b) : On drawing blood relation diagram according to the question,

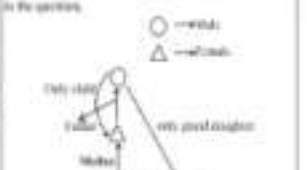
Hence, it is clear from above diagram that Jayant is related to Gita as her husband.

22. Sohan told Raju, "Yesterday I met your mother's father's only grand daughter Sunita." Raju said that his mother was the only child in her parents. How is Raju related to Sunita?

(a) Brother (b) Father
(c) Sister (d) Nephew

RRB NTPC 04.02.2021 (Shift-II) Stage Ist

Ans. (a) : On drawing blood relation diagram according to the question,



Hence, it is clear from above diagram that Raju is brother of Sunita.

23. A family consists of 7 people with three couples. The artist is married to the politician and they have three children. The teacher is the sister-in-law of the accountant, who is the wife of the engineer. The doctor and businessman are brothers. Who among the following could be the husband of the teacher?

(a) Engineer (b) Doctor

(c) Politician (d) Accountant

RRB NTPC 05.02.2021 (Shift-1) Stage Ist

Ans. (b) : According to the question,

So, Doctor may be the husband of Teacher because Artist is married to Politician and Accountant is married to Engineer and it is said that there are only three maximal couples and Business man is not in option.

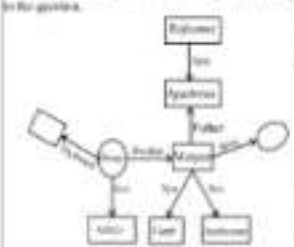
24. Geet and Ambuman are the children of Aditya's Mother's brother. Roop has only one brother-Manjeet and no sister. Ayushman is the son of Rajkumar. Ayushman is the Manjeet's father. Roop's husband and Manjeet's wife have no siblings. If Aditya is Roop's son, how is Manjeet related to Geet?

(a) Father (b) Uncle

(c) Husband (d) Mother's brother

RRB NTPC 02.03.2021 (Shift-II) Stage Ist

Ans. (a) : On drawing blood relation diagram according to the question.



Hence, it is clear from above diagram that Manjeet is father of Geet.

25. Jean and Catherine are the maternal aunts of Cinderella. Charles is the husband of Cinderella. Isabelle is the mother of mother-in-law of Charles. How is Isabelle related to Jean?

(a) Mother (b) Maternal Aunt

(c) Grand mother (d) None

RRB NTPC 02.03.2021 (Shift-II) Stage Ist

Ans. (a) : According to the question blood relation diagram is follows as:

Hence, it is clear from above diagram that Isabelle is mother of Jean.

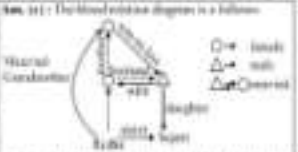
26. Pushpa introduced her friends to Sujeeta and Radha by saying, 'Radha's maternal grandmother's only son-in-law is Sujeeta's father'. From the options given below, how is Sujeeta related to Radha?

(a) Mother-in-law (b) Maternal aunt

(c) Sister (d) Mother

RRB NTPC 06.03.2021 (Shift-II) Stage Ist

Ans. (c) : The blood relation diagram is as follows:



Hence, it is clear from the blood relation diagram that Sujeeta is the sister of Radha.

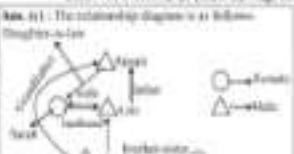
27. Fatima and Abdul are siblings. Fatima's father Aziz is the only son of his parents. Ansari is the paternal grandfather of Abdul. Sarah is the daughter-in-law of Ansari. How is Sarah related to Aziz?

(a) Sister (b) Mother

(c) Wife (d) Aunt

RRB NTPC 05.03.2021 (Shift-II) Stage Ist

Ans. (c) : The relationship diagram is as follows:



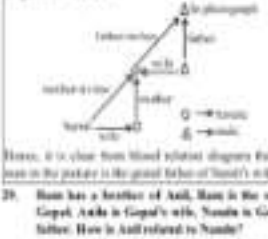
Hence, it is clear from the relation diagram that Sarah is Aziz's wife.

28. Pointing to a photograph, sonali said, "The man in the picture is the father-in-law of my mother-in-law" How is the man in the picture related to sonali's wife.

(a) Father (b) Grand-Father
(c) Husband's Father (d) Grand-Father

RRB NTPC 05.04.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question blood relation diagram is follows as:



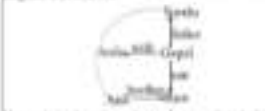
Hence, it is clear from blood relation diagram that the man in the picture is the grand father of Sonali's wife.

29. Ram has a brother of Anil, Ram is the son of Gopal. Anila is Gopal's wife, Nanda is Gopal's father. How is Anil related to Nanda?

(a) Father's Brother (b) Father's Father
(c) Brother's Son (d) Son's Son

RRB NTPC 07.04.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question, the blood relation diagram is as follows.



Hence, it is clear from above diagram that Anil is the son of Nanda's son.

30. Jaikaur and Pan are sisters who have Parliament as their mother. Monty has two brothers, Cole and Nates. Parliament's husband Nates is also the father of Monty. How is Pan related to Monty?

(a) Paternal aunt (b) Maternal aunt
(c) Brother (d) Sister

RRB NTPC 07.04.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question, the blood relation diagram is as follows.

It is clear that pan is the sister of monty.

31. Ramesh is the father- in- law of Mohit's mother. Mohit is the only brother of Vishal. How is Mohit related to Ramesh.

(a) Son (b) Son's son
(c) Son-in-law (d) Daughter's son

RRB NTPC 26.07.2021 (Shift-II) Stage Ist

Ans. (b) : According to the diagram blood relation is as follows.

So, it is clear that Mohit is son of Ramesh's son.

32. Shanti's daughter Chandini is married to Abhi. Anchal is married to Nandu, the grandson of Shanti. Abhi's grandson is Karan. Harbansi is the mother of Karan. Shaurya is Anchal's son. How is Shaurya related to Karan?

(a) Nephew (b) Son
(c) Cousin (d) Brother

RRB NTPC 28.12.2020 (Shift-II) Stage Ist

Ans. (c) : On drawing blood relation diagram according to the question.

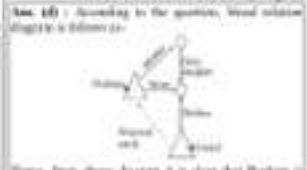
It is clear that Shaurya is Karan's Cousin.

33. Pradeep says, "Vishal's mother is the only daughter of my mother". How is Pradeep related to Vishal?

(a) Father (b) Brother
(c) Grandfather (d) Maternal uncle

RRB NTPC 07.04.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question, blood relation diagram is follows as:



Hence, from above diagram it is clear that Pradeep is Vishal's maternal uncle

31. Pointing towards a man, Vivek said, "His only brother is the father of my daughter's father". From among the given options, how could the man be related to Vivek?

(a) Father-in-law (b) Brother
(c) Uncle (d) Father

RRB NTPC 16.01.2021 (Shift-II) Stage Ist

Ans. (d) : Blood relation diagram is as follows:

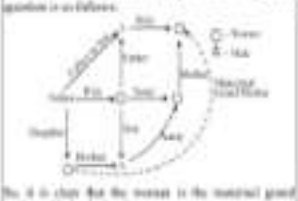
It is clear from the blood relation diagram that the man is the uncle of Vivek.

32. Introducing a woman, Ashan said, " She is the mother of the sister of my father-in-law's daughter's son". How is that woman related to Ashans daughter?

(a) Aunt (b) Mother
(c) Maternal grandmother (d) daughter-in-law

RRB NTPC 25.01.2021 (Shift-II) Stage Ist

Ans. (c) : The blood relation diagram according to the question is as follows:



So, it is clear that the woman is the maternal grand mother of Ashan's daughter.

33. Abhishek is the brother of Asha who is the son of Jai. Swati is the daughter of Jyoti. Vidhi is the mother of Asha and Jyoti. How is Abhishek related to Swati?

(a) Mother's Brother (b) Brother
(c) Father (d) Brother's Son

RRB NTPC 14.01.2021 (Shift-II) Stage Ist

Ans. (a) : On making blood relation diagram

Hence, it is clear from above diagram that Abhishek is the brother of Swati's mother.

34. Gaja is Usra's mother. Manal is Sumna's mother. Shakil is Ahsan's father. Sumna is Ahsan's paternal aunt and Usra's maternal aunt. How is Gaja related to Shakil?

(a) Sister (b) Brother's Wife
(c) Brother's Daughter (d) Sister's Daughter

RRB NTPC 08.04.2021 (Shift-II) Stage Ist

Ans. (a) : As per question,

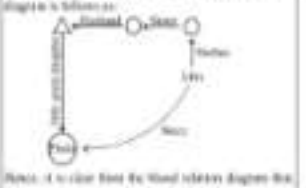
Hence, Gaja is the sister of Shakil.

35. Pointing to a photograph John said, "She is the only grand daughter of the husband of my mother's sister." How is the person in the photograph related to John.

(a) Granddaughter (b) Daughter
(c) Sister (d) Niece

RRB NTPC 22.01.2021 (Shift-II) Stage Ist

Ans. (d) : According to the question, blood relation diagram is follows as:



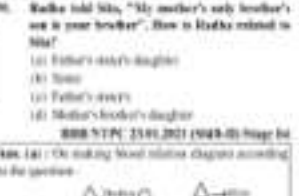
Hence, it is clear from the blood relation diagram that the person in the photo is related to John's niece.

36. Radha told Sita, "My mother's only brother's son is your brother". How is Radha related to Sita?

(a) Father's sister's daughter
(b) Sister
(c) Father's sister's
(d) Mother's brother's daughter

RRB NTPC 23.01.2021 (Shift-II) Stage Ist

Ans. (a) : On making blood relation diagram according to the question -



It is clear from the above diagram that Radha is the daughter of Sita's father's sister.

40. Harsh is the son of Ajit. Vinita is the wife of Ajit. Ajay is the brother of Harsh. Neha is the only daughter of Ajay and Kavita.
How is Vinita related to Neha?

(a) Father's Sister (b) Mother
(c) Sister (d) Father's mother

RRB NTPC 27.01.2021 (Shift-II) Stage 1st

Ans. (d) : As per question

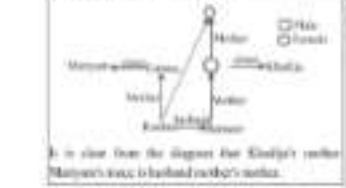
Hence, Vinita is the mother of Neha's father.

41. Fatima has only one sibling. She also has only one daughter Roshna. Roshna and Ramesh are married to each other. Their maternal aunts are Mariyam and Khadija, respectively. How is Khadija's mother related to Mariyam's sister?

(a) Husband mother
(b) Husband mother's mother
(c) Mother's sister
(d) Mother's mother

RRB NTPC 08.02.2021 (Shift-II) Stage 1st

Ans. (b) : According to the question



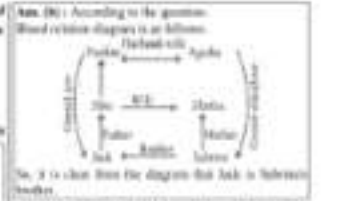
It is clear from the diagram that Khadija's mother Mariyam's sister's husband mother's mother.

42. Abin and Jack are father and son, respectively. Jack is the grandson of Pauline. Sabrina and Martha are daughter and mother, respectively. Sabrina is the grand-daughter of Agatha. If Agatha and Pauline are married and have a single child. How is Jack related to Sabrina?

(a) Father (b) Brother
(c) Uncle (d) Husband

RRB NTPC 08.02.2021 (Shift-II) Stage 1st

Ans. (b) : According to the question
Blood relation diagram is as follows:



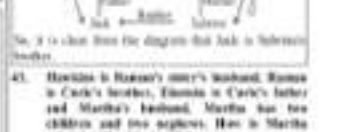
So, it is clear from the diagram that Jack is Sabrina's brother.

43. Hawkins is Ramesh's sister's husband. Ramesh is Carle's brother. Eliannin is Carle's father and Martha's husband. Martha has two children and two nephews. How is Martha related to Hawkins's wife?

(a) Mother (b) Sister
(c) Maternal Aunt (d) Mother-in-law

RRB NTPC 22.02.2021 (Shift-II) Stage 1st

Ans. (a) : Blood relation diagram is as follows:



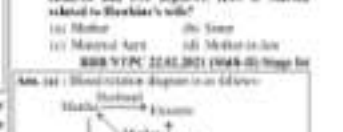
It is clear that Martha is the Hawkins's wife mother.

44. Shirk and Suresh are maternal cousins, the mother of Suresh, Gita has a daughter Sumikshu. Anjali is Sumikshu's paternal aunt. How is Anjali related to Gita?

(a) Husband's sister (b) Mother's sister
(c) Brother's wife (d) Paternal Aunt

RRB NTPC 08.02.2021 (Shift-II) Stage 1st

Ans. (a) : According to the question, the blood relation diagram is as follows:



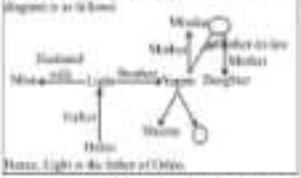
Hence, Anjali is Gita's husband's sister.

45. Nina is married to Light, Light's elder brother Vaggul has two daughter and no son. Sherna is the Younger of the two. Mikasa is Sherna's grandmother. Gabbi is Mikasa's grandson. Vaggul's mother-in-law has only one child. Mikasa has only two children and Nina is Mikasa's daughter-in-law. What is the relation of light with the robin?

(a) Father's Brother (b) Son
(c) Father's Father (d) Father

RRB NTPC 10.02.2021 (Shift-I) Stage 1st

Ans. (d) : According to the question the blood relation diagram is as follows

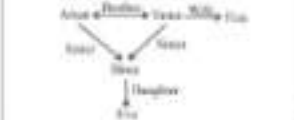


Hence, Light is the father of Eva.

46. Aman and Varun are brothers. Eva is the daughter of Diva. Diva is the sister of Eva's husband Varun.
How is Eva related to Aman ?
(a) Brother's daughter
(b) Brother's wife's sister
(c) Sister's daughter
(d) Daughter

RRB NTPC 31.07.2021 (Shift-1) Stage 1st

Ans. (a) : According to the question, on drawing blood relation diagram,

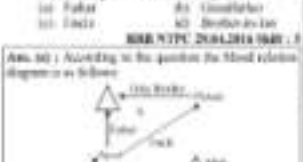


Hence, it is clear that Eva is the daughter of Aman's sister.

47. Pointing to a person Nayan says, "His only brother is the father of my daughter's father." How is the person related to Nayan?
(a) Father (b) Grandfather
(c) Uncle (d) Brother-in-law

RRB NTPC 29.04.2016 Shift : I

Ans. (d) : According to the question the blood relation diagram is as follows

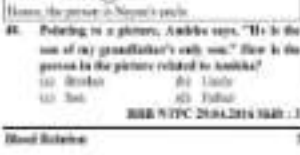


Hence, the person is Nayan's uncle

48. Pointing to a picture, Ambika says, "He is the son of my grandfather's only son." How is the person in the picture related to Ambika?
(a) Brother (b) Uncle
(c) Son (d) Father

RRB NTPC 29.04.2016 Shift : I

Ans. (a) According to the question the blood relation diagram is as follows



Hence, the person in the picture is brother of Ambika.

49. Pointing to a picture Rita says, "He is the son of my grandfather's only daughter. How is Rita related to the boy in the Photo?
(a) Brother (b) Father
(c) Nephew (d) Grandfather

RPF Constable 20.01.2019 Shift : II

Ans. (a) : According to the question,

Hence, that person is R's brother.

50. Pani is the daughter of Arzoo and Amit is the son of Arzoo's brother. How is Amit's father related to Pani?
(a) Father (b) Cousin
(c) Brother (d) Maternal uncle

RRB Group-D – 19.09.2018 (Shift-II)

Ans. (d) As per question,

Hence, Amit's father is Maternal Uncle of Pani.

51. Supriya is sister of Akhil. How is mother of Akhil's father related to Supriya?
(a) Grandmother (b) Sister
(c) Aunt (d) Mother

RRB Group-D – 20.09.2018 (Shift-II)

Ans. (a) : As per question,

Hence, mother of Akhil's father is grandmother of Supriya.

32. Suman introduces Mukesh and Ramesh as sons of her son's uncle. The boys are Suman's:

(a) Cousin Brothers (b) Sons
(c) Friends (d) Nephews

RRB Group-D – 22/09/2018 (Shift-I)

Ans. (d) : → Female
♂ → Male
= → Married couple
| → Generation

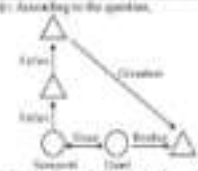
Hence, boys are Suman's nephews.

33. Sarasvati and Gauri are sisters. How is Gauri's brother related to father of Sarasvati's father?

(a) Son (b) Granddaughter
(c) Grandson (d) Uncle

RRB Patna(Mid) 20.07.2019 (Shift – I)

Ans. (b) : According to the question,



Hence, the brother of Gauri is the grandson of Sarasvati's grandfather.

34. Vimal is the son of Mikka and Nina is the daughter of Milan. Milan is the sister of Mikka. How is Milan related to Vimal?

(a) Uncle (b) Sister
(c) Maternal Aunt (d) Paternal Aunt

RRB Group-D – 26/09/2018 (Shift-I)

Ans. (d) : According to the question,

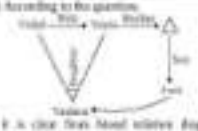
Hence, Milan is Vimal's Paternal Aunt.

35. Vandana is the daughter of Vimal and Vanita. Amit is the son of Vanita's brother. How is Vandana related to Amit?

(a) Niece (b) Father
(c) Cousin Sister (d) Brother

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (c) According to the question,



Hence, it is clear from blood relation diagram that Vandana is Amit's Cousin Sister.

36. Pointing to the picture of a person, Ramesh said, "This person is the son of the only child of my mother". How is Ramesh related to him?

(a) Brother (b) Grandfather
(c) Uncle (d) Father

RRB Group-D – 01/10/2018 (Shift-II)

Ans. (d) : On drawing blood relation diagram according to the question,

It is clear from the picture, Ramesh is the father of man.

37. Gaurav said to Neeraj, "The boy who is playing cricket is the elder of the two brothers of my father's daughter." How is the boy who is playing cricket related to Gaurav?

(a) Brother-in-law (b) Cousin Brother
(c) Son (d) Brother

RRB Group-D – 10/10/2018 (Shift-II)

Ans. (d) : On drawing blood relation diagram according to the question,

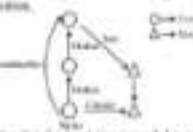
Hence, the boy who is playing cricket is Gaurav's brother.

38. Pointing to a picture, Naina says, "He is the son of my maternal Grandmother's only son." Whom is she pointing to?

(a) Friend (b) Brother
(c) Uncle (d) Cousin Brother

RRB Patna(Mid) 20.07.2019 (Shift – I)

Ans. (d) : On drawing blood relation diagram according to the question,



So it is clear that she is pointing towards her cousin.

59. Abhimanyu introduces a girl to his friend as "the only daughter of his father's only son." How is the girl related to Abhimanyu?

(a) Cousin Brother (b) Daughter
(c) Sister (d) Aunt

RRB Group D – 15/10/2018 (Shift-I)

Ans. (b) : On drawing blood relation diagram according to the question.

Hence, girl is Abhimanyu's daughter.

60. Praveena is maternal grandmother of Suresh. How is Suresh's Mother related to Praveena?

(a) Sister (b) Cousin Sister
(c) Daughter (d) Grandmother

RRB Group D – 30/10/2018 (Shift-I)

Ans. (c) : On drawing blood relation diagram according to the question.

Hence, the mother of Suresh is the daughter of Praveena.

61. Jay points out to a picture and says, "This is husband of my mother's sister." How is the person in the picture related to Jay?

(a) Brother (b) Son
(c) Paternal Uncle (d) Maternal Uncle

RRB Group D – 10/09/2018 (Shift-II)

Ans. (d) : On drawing blood relation diagram according to the question.

Hence, the person in the picture is Jay's maternal uncle.

62. Kavita and Nikita are friends and they have gone to the market together. Kavita meets her classmate and introduces her classmate to Nikita as the daughter of the sister of her brother's father. How is Kavita related to her classmate?

(a) Sister
(b) Friend
(c) Nephew
(d) Cousin Brother/Sister

RRB Group D – 10/09/2018 (Shift-II)

Ans. (d) On drawing blood relation diagram according to the question.

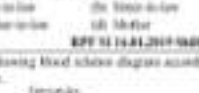
Hence, Kavita has a cousin's sister relationship with her classmate.

63. Pointing towards a picture, John Says that she is the sister of my son's mother. How is the person in the photo related to John?

(a) Son-in-law (b) Sister-in-law
(c) Father-in-law (d) Mother

RPF SI 14.01.2019 (Shift - I)

Ans. (b) On drawing blood relation diagram according to the question.



Hence, the lady in the picture is John's sister-in-law.

64. Vinita and Nikita are sisters. Vinay is the son of sister of Nikita's father. How is Vinay related to Vinita?

(a) Father (b) Uncle
(c) Brother (d) Cousin Brother/Sister

RRB Group-D – 26/09/2018 (Shift-II)

Ans. (d) On drawing blood relation diagram according to the question.

Hence, Vinay is the cousin of Vinita.

65. Pointing towards a photo, Neel Says that he is the son of only daughter of my sister's father. Whom is he pointing to?

(a) Nieces
(b) Cousin Brother/Sister
(c) Nephew
(d) Friend

RRB Group-D – 26/09/2018 (Shift-II)

Ans. (c) On drawing blood relation diagram according to the question.

Hence, it is clear that person in the picture is Neel's nephew.

66. Sharada is the granddaughter of Surya and Kiran is the only son of the Surya. Then how is sharada related to kiran?

(a) Aunt (b) Daughter

(c) Mother (d) Cousin Sister

RPF Constable 25.01.2019 Shift : I

Ans. (b) : On drawing blood relation diagram according to the question,

Hence, Sharda is the daughter of Kiran.

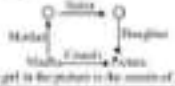
67. Pointing towards a picture Madhu says, this is the daughter of my mother's sister. How is the woman in the picture related to Madhu?

(a) Wife (b) Cousin Sister

(c) Daughter-in-law (d) Daughter

RRB Group-D – 26/09/2018 (Shift-III)

Ans. (b) On drawing blood relation diagram according to the question,



Hence, the girl in the picture is the cousin of Madhu.

68. John introduces a lady to his friend saying that she is the second daughter of his wife's father. How is the lady related to John?

(a) Cousin (b) Sister

(c) Friend (d) Sister-in-law

RRB Group-D – 27/09/2018 (Shift-III)

Ans. (d) : According to the question, the blood relation diagram is as follows:

Hence, that woman is John's sister-in-law.

69. Pointing towards a picture Madhuri says, "This is the son of my mother's only daughter." How is the person in the picture related to Madhuri?

(a) Son

(b) Brother

(c) Daughter

(d) Cousin Brother/Sister

RPF Constable 25.01.2019 Shift : III

Ans. (a) : On drawing blood relation diagram according to the question,

Hence, the person in the picture is Madhuri's son.

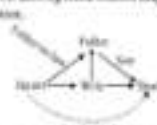
70. Jayant introduced a man to his friend as the son of his wife's father. How is the man related to Jayant?

(a) Sister-in-law (b) Brother-in-law

(c) Father-in-law (d) Daughter-in-law

RRB Group-D – 28/09/2018 (Shift-I)

Ans. (b) : On drawing blood relation diagram according to the question,



Hence, it is clear from above diagram that the man is Jayant's brother-in-law.

71. Leela introduced the two girls to her friends as the daughters of her father's only sister. Leela and girls are.....?

(a) Twins

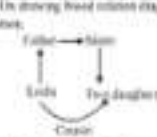
(b) Cousin Brother/Sister

(c) Friend

(d) Sister

RRB Group-D – 28/09/2018 (Shift-I)

Ans. (b) : On drawing blood relation diagram according to the question,



Hence, Leela is cousin sister of girls.

72. Anika introduced a girl as the second daughter of her father's only sister. The girl is related to Anika's father:

(a) Niece

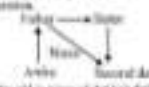
(b) Nephew

(c) Cousin Sister/Brother

(d) Daughter

RRB Group-D – 10/10/2018 (Shift-I)

Ans : (a) On drawing blood relation diagram according to the question.



Hence, the girl is sister of Ankita's father

73. **Pointing towards a picture, Ramesh said, "He is the son of only daughter of my brother's father." How is Ramesh Related to the man in the picture?**
(a) Uncle (b) Father
(c) Nephew (d) Brother

RRB Group-D – 10/10/2018 (Shift-I)

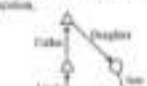
Ans : (a) On drawing blood relation diagram according to the question.

Hence, Ramesh is the uncle of man in the picture.

74. **Kartikana introduced a person as the son of only daughter of her uncle's father. How is person related to Kartikana?**
(a) Brother
(b) Brother-in-law
(c) Aunt
(d) Son

RRB Group-D – 10/10/2018 (Shift-III)

Ans : (a) On drawing blood relation diagram according to the question.

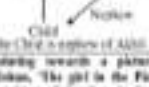


Hence, the person is brother of Kartikana.

75. **Akhil meets a child in the Park. The child introduced Akhil as his mother's younger brother. The child is the.....of Akhil.**
(a) Nephew (b) Daughter
(c) Son (d) Niece

RRB Group-D – 10/10/2018 (Shift-III)

Ans : (a) On drawing blood relation diagram according to the question.

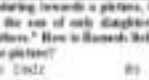


Hence, the Child is nephew of Akhil.

76. **Pointing towards a picture, Kirti said to Mohan, 'The girl in the Picture is the elder daughter of brother in law of my friend's father. What is the relationship between that girl and friend?**
(a) Sister-in-law
(b) Cousin Brother-Sister
(c) Sister
(d) Daughter

RRB Group-D – 11/10/2018 (Shift-III)

Ans : (b) On drawing blood relation diagram according to the question.



Hence, Kirti's friend is the cousin of the girl.

77. **Kirtana says, Arif's father Hiranit is the only son of my father-in-law Mohan. Rehaila is the sister of Arif. How is Rehaila related to Mohan?**
(a) Granddaughter (b) Daughter-in-law
(c) Niece (d) Daughter

RRB Group-D – 22/10/2018 (Shift-II)

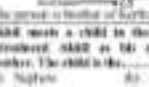
Ans. (a) : On drawing blood relation diagram according to the question.

Hence, Vrinda is Mohan's granddaughter.

78. **Pointing towards a picture Geeta says, she is the only daughter of my grandmother. Whom is she pointing to?**
(a) Her Maternal Aunt (b) Her Cousin Sister
(c) Her Sister (d) Her Mother

RPF Constable 24.01.2019 Shift : I

Ans : (d) On drawing blood relation diagram according to the question.

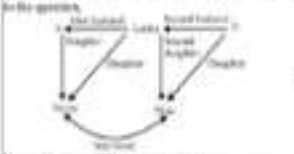


Hence, she is pointing to her mother.

79. **Vina is Latika's second daughter and Vanita is the daughter of Latika's first husband. Vanita and Vina are ....?**
(a) Sisters (b) Half Sisters
(c) Niece (d) Cousin Sisters

RPF 01.04.1.2019 Shift : II

Ans. (b) On drawing blood relation diagram according to the question,



Hence, Vanita and Nina are step sisters.

80. Vanita is the daughter of Vimla. Mahak is the daughter of Vimla's brother. Mahak and Vanita are.....?

(a) Friend (b) Cousin sister
(c) Son (d) Brother

RRB Group-D – 09/12/2018 (Shift-I)

Ans. (b) On drawing blood relation diagram according to the question,

Hence, Mahak and Vanita are cousin sisters.

81. Sankirtha has a brother Sohan. Sankirtha is the son of Chandan. Asharam is Chandan's father. In terms of relationship, How is Chandan related to Sohan?

(a) Father (b) Grandfather
(c) Brother (d) Granddaughter

RRB Group-D – 09/12/2018 (Shift-II)

Ans. (a) On drawing blood relation diagram according to the question,

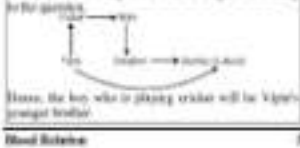
Hence, Chandan is the father of Sohan.

82. Vijay Lakesh, "This boy who is playing cricket is the younger of the two brothers of the daughter of my father's wife." How is the boy who is playing cricket related to Vijay?

(a) Son (b) Brother
(c) Father (d) Brother-in-law

RPF Constable 24.01.2019 Shift - III

Ans. (b) On drawing blood relation diagram according to the question,



Hence, the boy who is playing cricket will be Vijay's younger brother.

83. Seeing a picture, Vandana said, "she looks like the only daughter of my grandmother's only son." Vandana is referring to her ...?

(a) Mother (b) Aunt
(c) Elder Sister (d) Cousin

RRB Group-D – 15/11/2018 (Shift-II)

Ans. (d) On drawing blood relation diagram according to the question,

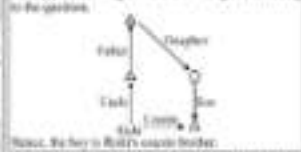
Hence, the girl in the picture is Vandana's Cousin.

84. Rishi introduced a boy as the son of the only daughter of his uncle's father. How is the boy related to Rishi ?

(a) Uncle (b) Nephew
(c) Son (d) Cousin Brother

RRB Group-D – 12/12/2018 (Shift-I)

Ans. (d) On drawing blood relation diagram according to the question,



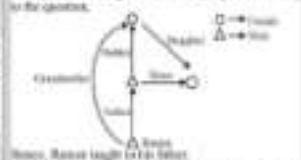
Hence, the boy is Rishi's cousin brother.

85. Raman said to Anand, "A day before yesterday I taught the only brother of my grandmother's daughter." Whom did Raman teach?

(a) Father in law (b) Brother
(c) Son (d) Father

RRB Group-D – 30/11/2018 (Shift-I)

Ans. (d) On drawing blood relation diagram according to the question,



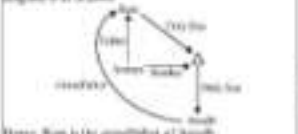
Hence, Raman taught to his father.

86. Ananya introduced Awadh as the only son of her father Ram's only son. How is Ram related to Awadh?

(a) Maternal Grandfather
(b) Grandfather
(c) Grandson
(d) Uncle

RRB Group-D – 23/10/2018 (Shift-II)

Ans. (b) According to the question, the blood relation diagram is as follows:



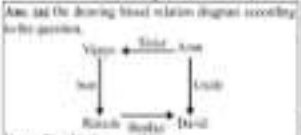
Hence, Ram is the grandfather of Amarth.

87. Vijaya is Arun's sister, David is Rakesh's brother, Rakesh is Vijaya's son. How is David related to Vijaya?

(a) Son (b) Nephew
(c) Brother (d) Father

RRB Group-D – 15/10/2018 (Shift-I)

Ans. (a) On drawing blood relation diagram according to the question.



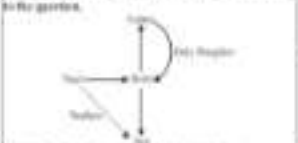
Hence, David is the son of Vijaya.

88. Pointing towards a picture, Neel says that he is the son of only daughter of my sister's father. Whom is he pointing to?

(a) Niece (b) Nephew
(c) Friend (d) Cousin

RRB Group-D – 12/10/2018 (Shift-I)

Ans. (b) On drawing blood relation diagram according to the question.



Hence, he boy in the picture is Neel's nephew.

89. Suresh is the son of brother of Nikita's mother. How is Suresh related to Nikita?

(a) Aunt (b) Cousin
(c) Mother (d) Grandmother

RRB Group-D – 12/10/2018 (Shift-II)

Ans. (b) On drawing blood relation diagram according to the question.

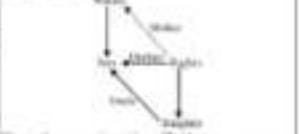
Hence, Suresh is Nikita's cousin.

90. Pointing towards a woman Raghav said, "His son is my daughter's uncle." How is the woman related to Raghav?

(a) Mother (b) Daughter
(c) Sister (d) Grandmother

RRB Group-D – 11/10/2018 (Shift-I)

Ans. (a) On drawing blood relation diagram according to the question.



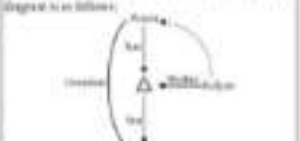
Hence, the woman is mother of Raghav.

91. Pointing towards a person, Kalyan said, "His grandson is the only son of my brother." How is Kalyan related to that person?

(a) Brother (b) Father
(c) Grandfather (d) Father-in-law

RPF Constable 22.01.2019 Shift – I

Ans. (b) According to the question, the blood relation diagram is as follows:



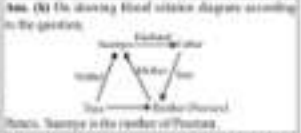
Hence, that person is the father of Kalyan.

92. Sumiya is the mother of Tarun's only brother. Prostam is the only son of Tarun's father. How is Sumiya related to Prostam?

(a) Aunt (b) Mother
(c) Cousin Sister (d) Grandmother

RPF SI 16.01.2019 Shift – III

Ans. (b) On drawing blood relation diagram according to the question.



Hence, Sumiya is the mother of Prostam.

93. Pointing to a man Pankaj says, "He is the brother of my uncle's daughter." How is this man related to Pankaj?

(a) Cousin Brother (b) Son
(c) Nephew (d) Uncle

RRB Group-D – 01/10/2018 (Shift-III)

Ans. (a) : On drawing blood relation diagram according to the question,

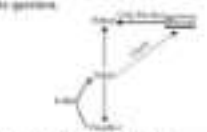
Hence, the man is cousin of Pankaj.

94. Pointing to a person, Nitish Says, "His only brother is the father of my daughter's father." How is the person related to Nitish?

(a) Father (b) Grandfather
(c) Uncle (d) Brother-in-law

RRB NTPC 30.04.2016 Shift : 3

Ans. (c) On drawing blood relation diagram according to the question,



Hence, that person is uncle of Nitish.

95. Rani said to Margaret, "That girl I met yesterday at the beach was the youngest daughter of brother-in-law of my friend's mother." How is the girl related to Rani's friend.

(a) Daughter (b) Niece
(c) Friend (d) Cousin

BPF Constable 22.01.2019 Shift : III

Ans. (d) On drawing blood relation diagram according to the question,

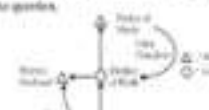
Hence, the girl is cousin of Rani's Friends.

96. Hinki's mother is the only daughter of Mintu's father. What is the relation between Mintu's husband and Hinki?

(a) Uncle (b) Father
(c) Grandfather (d) Brother

RRB NTPC 30.04.2016 Shift : 1

Ans. (b) On drawing blood relation diagram according to the question,



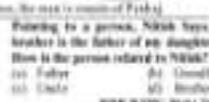
Hence, Mintu's husband is the father of Hinki.

97. Pointing to an old man, Kamal said, "His son is my son's uncle." How is that old man related to Kamal?

(a) Brother (b) Uncle
(c) Father (d) Grandfather

RRB NTPC 30.04.2016 Shift : 1

Ans. (c) On drawing blood relation diagram according to the question,



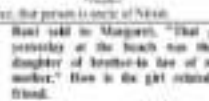
Hence, that Old man is Kamal's father.

98. Pointing to the lady in the mirror, Twinkle said, "She is the sister of the father of my mother's son." How is that lady related to Twinkle ?

(a) Mother (b) Sister
(c) Aunt (d) Niece

RRB NTPC 29.04.2016 Shift : 1

Ans. (c) On drawing blood relation diagram according to the question,



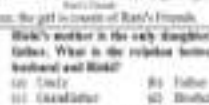
Hence, the lady is Twinkle's Aunt.

99. Hemant said to Nattik, "That boy who is playing football is the younger of the two brothers of the daughter of my father's wife. "How is the boy who is playing football related to Hemant ?

(a) Son (b) Brother
(c) Cousin (d) Nephew

RRB NTPC 29.04.2016 Shift : 1

Ans. (b) According to the question, the blood relation diagram is as follows:



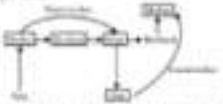
Hence, the boy who is playing football is Hemant's brother.

100. Ajay says, "That woman is the grandmother of son of my mother's only sister-in-law." If Ajay's father has only one brother and Ajay's mother has no brother. Then how is the woman related to Ajay?

(a) Grandmother (b) Wife
(c) Maternal Grandmother (d) Mother

RRB NTPC 28.04.2016 Shift : 2

Ans. (a) On drawing blood relation diagram according to the question,



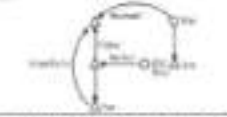
Mother-in-law of Ajay's Aunt is Grandmother of Ajay.

101. Pointing towards a picture of a person Ritu says, "He is the grandfather of the only nephew of only unmarried brother of my son's wife." How is the person related to Ritu?

(a) Husband
(b) Father
(c) Father-in-law
(d) Grandfather

RRB NTPC 28.04.2019 Shift : I

Ans. (a) Hence, the person in the picture will be Ritu's husband.



102. Divya says, "That lady is the grandmother of the son of only brother of my husband's sister." How is that lady related to Divya.

(a) Mother
(b) Mother-in-law
(c) Maternal Aunt
(d) Maternal Grandmother

RRB NTPC 28.04.2019 Shift : I

Ans. (b) On drawing blood relation diagram according to the question,

Hence, that woman is Divya's mother-in-law.

103. Hina introduced Mita as mother-in-law of the only sister of the only son of the son's maternal grandfather. How is Mita related to Hina ?

(a) Mother
(b) Mother-in-law
(c) Wife
(d) Maternal Aunt

RRB NTPC 28.04.2019 Shift : I

Ans. (a) On drawing blood relation diagram according to the question,

Hence, it is clear from blood relation diagram that Mita is Hina's mother.

104. Pointing to a man in the picture, Ganjan said, "His mother's only daughter is my mother." How is Ganjan related to the man ?

(a) Nephew (b) Sister
(c) Wife (d) Niece

RPF Constable 22.01.2019 Shift : III

Ans. (d) On drawing blood relation diagram according to the question,

Hence, Ganjan is the Niece of the man.

105. Mark says, "Linda is the wife of my mother's grandson." How is Mark related to Linda ?

(a) Father (b) Grandfather
(c) Father-in-law (d) Husband

RRB NTPC 26.04.2019 Shift : I

Ans. (c) On drawing blood relation diagram according to the question,

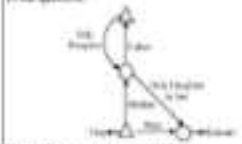
Hence, Mark is father-in-law of Linda.

106. How is Poonam related to Virat, if he calls her the only daughter-in-law of only daughter of his mother ?

(a) Wife (b) Daughter
(c) Maternal Aunt (d) Aunt

RPF SI 11.01.2019 Shift : I

Ans. (a) On drawing blood relation diagram according to the question.



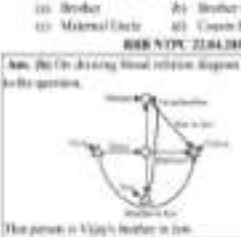
Hence, Poonam is the wife of Vikrit.

107. Vijay says, "This person is the son-in-law of the maternal grandmother of my sister's son." If Vijay has only one brother or sister, then how is that person related to Vijay?

(a) Brother (b) Brother in law
(c) Maternal Uncle (d) Cousin Brother

RRB NTPC 22.04.2016 Shift : 1

Ans. (b) On drawing blood relation diagram according to the question.



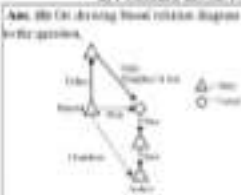
That person is Vijay's brother in law.

108. Manish introduced Ankur as the son of the son of his father's only daughter-in-law. How is Ankur related to Manish?

(a) Nephew (b) Grandson
(c) Uncle (d) Son

RPF Constable 22.01.2019 Shift : III

Ans. (b) On drawing blood relation diagram according to the question.



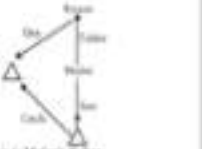
Hence, Ankur is the grandson of Manish.

109. Pointing towards an old man, Mohit said, "His son is the maternal uncle of my son." How is the old man related to Mohit?

(a) Father (b) Sister
(c) Grandfather (d) Brother

RRB NTPC 19.01.2017 Shift : 1

Ans. (a) On drawing blood relation diagram according to the question.



Hence, the old man is Mohit's Father.

110. Arun is the father of Chitra and Dinesh is the son of Bawana. Manish is the Arun's brother. If Chitra is Dinesh's sister. Then how is Bawana related to Manish?

(a) Daughter
(b) Sister
(c) Mother in law
(d) Sister in law

RRB NTPC 19.01.2017 Shift : 1

Ans. (d) On drawing blood relation diagram according to the question.

Hence, Bawana is the sister in law of Manish.

111. Mina is the wife of Sachin. Sachin's sister is Sharada and she is Arjun's wife. Arun is the son of Sharda. Arjun is Mina's brother. Sonali is the daughter of Arjun. What is relationship between Arun and Sonali?

(a) Father
(b) Brother
(c) It cannot be decided
(d) Uncle

RRB NTPC 19.01.2017 Shift : 2

Ans. (b) On drawing blood relation diagram according to the question.

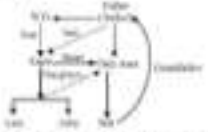
Hence, Arun is brother of Sonali.

112. Nagar has two daughters, Lata and Asha. Ankur is the grandfather of son of Asha's only paternal aunt. How is Nagar related to Ankur's wife?

(a) Father
(b) Son
(c) Grandson
(d) Grandfather

RRB NTPC 04.04.2016 Shift : 2

Ans. (b) On drawing blood relation diagram according to the question.



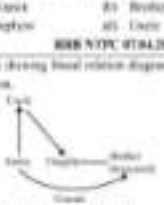
Hence, it is clear from blood relation diagram that Sagar is the son of Ajesh's wife.

113. Pointing to the man and receiving the award, Sunny said, 'He is the brother of my uncle's daughter. How is the man related to Sunny?

(a) Cousin (b) Brother-in-law
(c) Nephew (d) Uncle

RRB NTPC 07.04.2016 Shift : 3

Ans. (a) On drawing blood relation diagram according to the question.



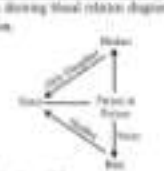
Hence, that person is cousin of Sunny.

114. The Rani said pointing to a man in a Photo, "His mother's only daughter is my mother." How is Rani related to the man?

(a) Wife (b) Sister
(c) Niece (d) Nephew

RRB NTPC 07.04.2016 Shift : 3

Ans. (c) On drawing blood relation diagram according to the question.



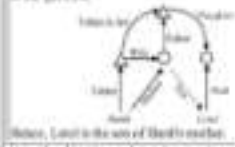
Hence, Rani is niece of that man.

115. Hardy said, "Lovel's aunt is the first daughter of my father's father-in-law. My maternal grandmother had only two daughters." How is Lovel related to Hardy's mother?

(a) Sister (b) Son
(c) Sister (d) Aunt

RRB NTPC 07.04.2016 Shift : 2

Ans. (b) On drawing blood relation diagram according to the question.



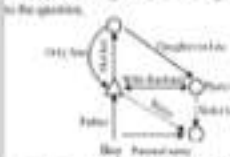
Hence, Lovel is the son of Hardy's mother.

116. Looking towards a photo, a boy said, "She is the wife of the only son of my father's mother." How is the boy's paternal aunt related to the girl?

(a) Mother (b) Aunt
(c) Sister-in-law (d) Grandmother

RPF Constable 28.01.2019 Shift : 1

Ans. (c) On drawing blood relation diagram according to the question.



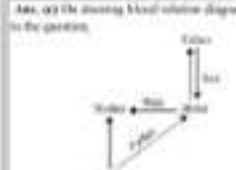
Hence, Paternal Aunt of the boy is the sister in law of that girl.

117. Gopal's mother is the wife of the son of Mohit's father-son. Mohit has no brother or sister. How is Gopal and mohit related?

(a) Father-Son (b) Uncle-Nephew
(c) Son-Father (d) Grandson-Grandfather

RRB NTPC 09.04.2016 Shift : 1

Ans. (a) On drawing blood relation diagram according to the question.



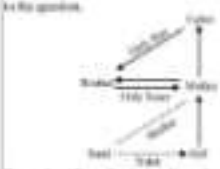
Hence, Mohit is the father of Gopal.

118. Pointing to a girl, Sunil said, "Her mother's brother is the only son of my mother's father and the brother has only one sister. How is the girl's mother related to Sunil?

(a) Aunt (b) Sister
(c) Mother (d) Grandmother

RPF SI 13.01.2019 Shift : 1

Ans. (a) On drawing blood relation diagram according to the question.



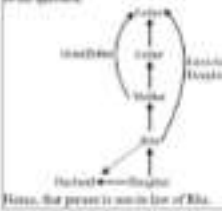
Hence, the girl's mother is also the mother of Sunil.

119. Rita said, "He is the son-in-law of only great granddaughter of my mother's grandfather." How is he related to Rita?

(a) Son-in-law (b) Husband
(c) Brother (d) Son

RPF Constable 20.01.2019 Shift : II

Ans. (a) On drawing blood relation diagram according to the question.



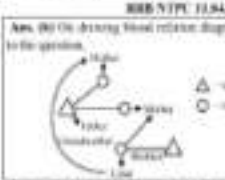
Hence, that person is son-in-law of Rita.

120. Pointing to a woman, Unni said, "She is the daughter-in-law of grandmother of my father's only son." How is this woman related to Unni?

(a) Sister-in-law (b) Mother
(c) Sister (d) Mother-in-law

RRB NTPC 11.04.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question.



121. Introducing Nitin to her husband a woman said, "His brother's father is the only child of my grandfather." How is this woman related to Nitin?

(a) Mother (b) Aunt
(c) Sister (d) Daughter

RRB NTPC 11.04.2016 Shift : I

Ans. (a) On drawing blood relation diagram according to the question.

Hence, that woman is the sister of Nitin.

122. Anand's mother is the sister of the son of Chandra's father. How is Anand related to Chandra's father?

(a) Grandfather (b) Father
(c) Uncle (d) Grandson

RRB NTPC 11.04.2016 Shift : I

Ans. (d) On drawing blood relation diagram according to the question.

Hence, Anand is the grandson of Chandra's father.

123. Ram said, "This girl is the wife of the grandson of my mother." How is Ram related to the girl?

(a) Husband (b) Father
(c) Father-in-law (d) Grandfather

RRB NTPC 11.04.2016 Shift : I

Ans. (a) On drawing blood relation diagram according to the question.

Hence, Ram is father-in-law of the girl.

124. Pointing to a boy in a picture, Ravi said, "His mother's only daughter is my mother." How is the Ravi related to that boy?

(a) Wife (b) Sister
(c) Mother (d) Nephew

RRB NTPC 11.04.2016 Shift : I

Ans. (c) On drawing blood relation diagram according to the question.

Hence, Ravi is the sister of that boy.

119. How is Shweta related to Kamala ?

(a) Niece (b) Granddaughter
(c) Daughter (d) Sister

RRB NTPC 12.04.2016 Shift : 2

Ans. (b) According to the given blood relation diagram,

Hence, it is clear from blood relation diagram that Shweta is Kamala's granddaughter.

120. Pointing towards Ambika, Hiteraj said, 'He only brother of her is my wife's brother. What is the relationship between Ambika and Hiteraj?

(a) Sister of Mother
(b) Grandmother
(c) Mother in law
(d) Sister of Father in law

RRB NTPC 12.04.2016 Shift : 1

Ans. (d) On drawing blood relation diagram according to the question,

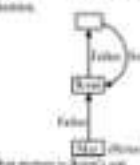
Hence, Ambika is the sister of Hiteraj's father in law.

127. Pointing to a picture, Hemi said, "I have no brother or sister but this man's father is my father's son." Whose picture was that?

(a) Himself (b) His son's
(c) His father's (d) His Nephew's

RRB NTPC 12.04.2016 Shift : 1

Ans. (b) On drawing blood relation diagram according to the question



Hence, that picture is Hemi's son.

Direction (128-130) Study the following information carefully and answer the questions given below.

Ajit is the son of Kumar. Kumar's sister Sushmita has a son Deepak and a daughter Harshima. Rahu is Deepak's maternal uncle?

128. How is Harshima related to Rahu?

(a) Daughter (b) Niece
(c) Sister (d) Wife

RRB NTPC 16.04.2016 Shift : 1

Ans. (b) It is clear from the above figure, Harshima is niece of Rahu.

129. How many nephews have Rahu?

(a) One (b) Two
(c) Three (d) Zero

RRB NTPC 16.04.2016 Shift : 1

Ans. (c) It is clear from the above figure, Rahu has three nephews (Deepak, Ajit and Harshima).

130. How is Ajit related to deepak?

(a) Nephew (b) Brother
(c) Uncle (d) Cousin

RRB NTPC 16.04.2016 Shift : 1

Ans. (d) It is clear from the above figure, Ajit is Deepak's cousin.

131. Pointing to a woman, I said that her brother's only son is my wife's brother. How is the woman related to me?

(a) Sister of Father in law
(b) Mother in law
(c) Sister in law
(d) Sister

RRB NTPC 19.04.2016 Shift : 2

Ans. (a) On drawing blood relation diagram according to the question,

Hence, that woman is the sister of my father in law.

132. Pointing to a man, a woman said "He is the brother of the daughter of my husband's wife." How is the woman related to that man?

(a) Son (b) Mother
(c) Father (d) Sister

RRB NTPC 19.04.2016 Shift : 1

Ans. (b) On drawing blood relation diagram according to the question,

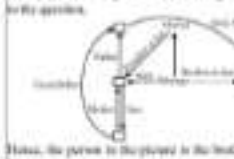
Hence, woman is the mother of the man.

133. Mayuge pointed to a picture saying that this person is the only son of maternal grandfather of the son of the my mother's only daughter-in-law. If Mayuge does not have a brother (except just one sister), then how is the person mentioned in that picture related to Mayuge?

(a) Maternal Uncle (b) Grandfather
(c) Paternal Uncle (d) Brother in law

RRB NTPC 18.01.2017 Shift : 3

Ans. (d) On drawing blood relation diagram according to the question,



Hence, the person in the picture is the brother-in-law of Mayuge.

134. Sam is Rosi's husband. Jenny is the mother of Rita and Rosi. Vaj is Rita's father. How is Vaj related to Sam?

(a) Brother (b) Father in law
(c) Father (d) Son

RRB NTPC 18.01.2017 Shift : 1

Ans. (b) On drawing blood relation diagram according to the question,

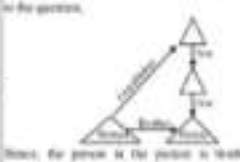
Hence, Vaj is father-in-law of Sam.

135. Pointing to a picture a woman said, "This is the son of my grandfather's only son." How is the person in the picture related to the woman.

(a) Grandfather (b) Father
(c) Son (d) Brother

RPF Constable 20.01.2019 Shift : III

Ans. (d) On drawing blood relation diagram according to the question,



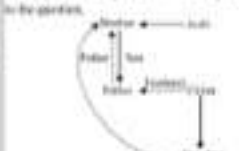
Hence, the person in the picture is brother of the woman.

136. Jyoti said to Chitra, "Your daughter's father is the son of my brother." How is Jyoti's brother related to Chitra's daughter?

(a) Son (b) Uncle
(c) Grandfather (d) Grandson

RRB NTPC 28.03.2016 Shift : 2

Ans. (c) On drawing blood relation diagram according to the question,



Hence, Jyoti's brother is the grandfather of Chitra's daughter.

137. A woman introduces someone, saying that his brother's father is the only son of my grandfather. How is the woman related to that person?

(a) Mother (b) Grandmother
(c) Sister (d) Daughter

RPF SI 13.01.2019 Shift : III

Ans. (c) On drawing blood relation diagram according to the question,

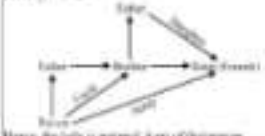
Hence, the woman is the sister of that person.

138. A man introduces a lady as the daughter of the father of his uncle. His uncle has only one brother. The lady is the man's_____

(a) Mother (b) Paternal Aunt
(c) Sister (d) Daughter

RRB NTPC 30.03.2016 Shift : 1

Ans : (b) On drawing blood relation diagram according to the question,



Hence, the baby is paternal Aunt of the person.

139. The brother of Anita's mother is the son of the father of Bina's father. Bina's grandfather has two sons and a daughter. Bina is Anita's mother related to Bina?

(a) Mother (b) Sister
(c) Aunt (d) Grandmother

RPF Constable 19.01.2019 Shift : I

Ans. (c) On drawing blood relation diagram according to the question,

Hence, Anita's mother is the aunt of Bina.

140. Looking at a picture Pushpa said, "This man's wife Lakshmi is the mother of my daughter's Aunt. How is Pushpa related to Lakshmi?

(a) Mother in law (b) Grandmother
(c) Mother (d) Daughter in law

RRB NTPC 31.01.2016 Shift : 3

Ans. (d) On drawing blood relation diagram according to the question,

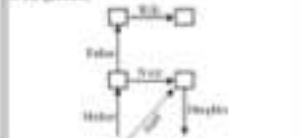
Hence, Pushpa is Lakshmi's daughter in law.

141. Tom said, "Jerry's Aunt is the second daughter of my mother's father and my maternal grandmother had only two daughters." How is Jerry's mother related to Tom?

(a) Grandmother (b) Aunt
(c) Mother (d) Sister

RRB NTPC 31.01.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question,



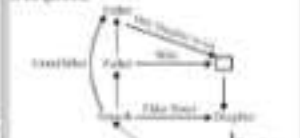
Hence, Jerry's mother is Tom's Aunt.

142. Ganesh said, "Anjali is grand daughter of my grandfather's only daughter-in-law." Ganesh is unmarried and has only one sister-sister. How is Ganesh related to Anjali?

(a) Maternal Uncle (b) Uncle
(c) Brother (d) Nephew

RPF Constable 19.01.2019 Shift : II

Ans. (a) On drawing blood relation diagram according to the question,



Hence, Ganesh is Anjali's Maternal Uncle.

143. Rita introduced Seema as daughter of only son her mother. How is Rita related to Seema?

(a) Friends (b) Paternal Aunt
(c) Sister (d) Maternal Aunt

RRB NTPC 02.04.2016 Shift : 3

Ans. (a) On drawing blood relation diagram according to the question,

Hence, Rita is Seema's Cousin.

144. Anita is the only daughter of the father of Arjun's maternal uncle. How is Anita related to Arjun?

(a) Sister (b) Mother
(c) Aunt (d) Grandmother

RRB NTPC 02.04.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question.

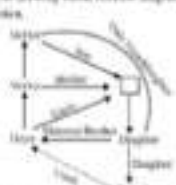
Hence, Anita is mother of Arjun.

145. How is Rejoy related to Sharmila, if he introduced as the daughter of only granddaughter of his mother's mother?

(a) Father (b) Cousin Brother
(c) Grandfather (d) Maternal Uncle

BPF Constable 19.01.2019 Shift : III

Ans. (d) On drawing blood relation diagram according to the question.



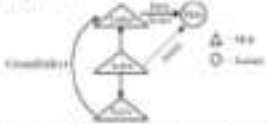
Hence, Rejoy is maternal uncle of Sharmila.

146. Ankit introduced Shila as only sister of his son's grandfather. How is Shila related to Ankit?

(a) Mother (b) Aunt
(c) Sister (d) Daughter

RRB NTPC 03.04.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question.



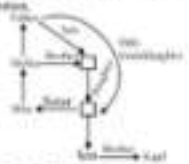
Hence, it is clear from above diagram that Shila is Aunt of Ankit.

147. Kapil is the brother of one of the only granddaughter of the father of Mita's mother. How is Kapil related to Mita?

(a) Son (b) Uncle
(c) Nephew (d) Grandson

RRB NTPC 03.04.2016 Shift : I

Ans. (c) On drawing blood relation diagram according to the question.



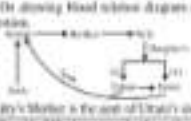
Hence, Kapil is Nephew of Mita.

148. Kitty said, "Uttara is one of the two daughters of my mother's brother's wife." How is Uttara's sister related to Kitty's mother?

(a) Aunt (b) Mother
(c) Granddaughter (d) Sister

RRB NTPC 03.04.2016 Shift : I

Ans. (a) On drawing blood relation diagram according to the question.



Hence, Kitty's Mother is the aunt of Uttara's sister.

149. Adil said, "That woman is the only daughter-in-law of my nephew's father's mother." If Adil has only one brother then how is the woman related to Adil?

(a) Sister (b) Mother
(c) Niece (d) Sister in law

RRB NTPC 04.04.2016 Shift : I

Ans. (d) On drawing blood relation diagram according to the question.

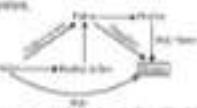
Hence, that woman is sister-in-law of Adil.

150. Akhar pointed to a picture and said, "She is the only sister of my brother-in-law's father's brother." How is she related to Akhar?

(a) Daughter (b) Sister
(c) Sister-in-law (d) Wife

RRB NTPC 04.04.2016 Shift : I

Ans. (d) On drawing blood relation diagram according to the question.



Hence, the woman in the picture is the wife of Akhar.

151. Guru's mother is the only daughter of Sachin's mother. How is Guru related to Sachin?

(a) Maternal Uncle (b) Nephew
(c) Brother (d) Father

RRB NTPC 04.04.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question,

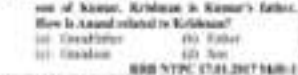
Hence, Guru is the Nephew of Sachin.

152. Dharam has a brother Anand. Dharam is the son of Kumar. Krishnan is Kumar's father. How is Anand related to Krishnan?

(a) Grandfather (b) Father
(c) Grandson (d) Son

RRB NTPC 17.01.2017 Shift-I

Ans. (c) On drawing blood relation diagram according to the question,



Hence, Anand is grandson of Krishnan.

153. Pointing to a person in a photograph, Anita said, "His mother's daughter is my mother." How is Anita related to that person?

(a) Aunt (b) Niece
(c) Mother (d) Sister

RPF Constable 18.01.2019 Shift-I

Ans. (b) On drawing blood relation diagram according to the question,

Hence, Anita is niece of that person.

154. Shree and Kavi are a couple. Siri and Sanya are sisters. Sanya is the sister of Kavi. How is Siri related to Shree?

(a) Uncle (b) Brother
(c) Cousin (d) Sister-in-law

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (d) On drawing blood relation diagram according to the question,

Hence, Siri is sister in law of Shree.

155. Pointing to a boy in a photograph, Neena said, "He is the son of my maternal grandmother's only daughter". How is Neena related to the boy?

(a) Mother (b) Aunt
(c) Sister (d) Grandmother

RRB ALP & Tec. (21-08-18 Shift-II)

Ans. (c) On drawing blood relation diagram according to the question,

Hence, it is clear from above diagram that Neena is sister of that boy.

156. Amit and Rita are a couple. Mrinal and Monal are brothers. Mrinal is the brother of Rita. How is Monal related to Amit?

(a) Brother-in-law (b) Brother
(c) Cousin (d) Uncle

RRB ALP & Tec. (21-08-18 Shift-III)

Ans. (a) On drawing blood relation diagram according to the question,

Hence, it is clear from above diagram that Monal is the brother-in-law of Amit.

157. Riyan is Vikas's mother's sister's father's only son's son. How is Riyaan related to Vikas?

(a) Nephew (b) Uncle
(c) Son (d) Cousin

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (d) On drawing blood relation diagram according to the question,

Hence, it is clear from above diagram that Riyan and Vikas are cousin.

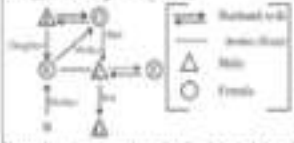
Type - 2

158. B's mother is the daughter of F, C is the son of F and D, G is the son of C and E. B is the mother of D. How is F related to G?

(a) Father's mother (b) Brother
(c) Father's father (d) Mother's father

RRB NTPC (Stage-II)- 19.06.2022 (Shift-I)

Ans. (a) : According to the question,



Hence, It is clear from above that F is father's father of G.

159. There are seven members, H, I, J, K, L, M and N, in family. H is K's mother's mother. J and I are the only two children of H and M. J is the only daughter of M. N is the son of L and I. How is M related to N?

(a) Father's father (b) Father's sister
(c) Mother's brother (d) Mother's father

RRB NTPC (Stage-II) - 12/06/2022 (Shift-I)

Ans. (c) : According to the question,

Hence, It is clear from above relation that M is N's Father's father.

160. C is the mother of K, K is the wife of D, B is the brother of K, P is the father of B, How is C related to P?

(a) Daughter (b) Wife
(c) Brother's wife (d) Sister

RRB NTPC (Stage-II) - 13/06/2022 (Shift-I)

Ans. (b) : According to the question,

Hence, it clear from diagram that C is the wife of P.

161. A is the sister of B and C. D is the father of C. E is the mother of A. Considering these facts, which of the following statements CANNOT be verified?

(a) D is the father of A.
(b) E is the mother of B.
(c) D is E's husband.
(d) B is E's son.

RRB NTPC (Stage-II) - 13/06/2022 (Shift-II)

Ans. (d) : According to the question,

Hence, from the given option, option (d) cannot be verified, because gender of B cannot be determined.

162. P is the brother of Q and R. S is R's mother. T is P's father. Which of the following statements cannot be definitely true?

(a) T is S's husband (b) T is Q's father
(c) S is P's mother (d) T is Q's husband

RRB NTPC (01.12.2020 (Shift-I) Stage-Ia)

Ans. (d) : According to the question,

Hence, from this it is clear that T is Q's father. Thus the statement T is Q's husband, period wrong.

163. D has a brother A. D is the son of C. B is C's father. In terms of relationship, what is A of B?

(a) Brother (b) Son
(c) Grandson (d) Grandfather

RRB NTPC (01.01.2021 (Shift-I) Stage-Ia)

Ans. (c) : On drawing blood relation diagram according to the question,

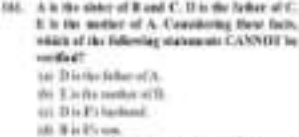
It is clear from the figure that A is the grandson or grand daughter of B.

164. A is the paternal grandfather of B. D is the brother of A and E is the son of D. How is E related to B?

(a) Brother (b) Paternal Uncle
(c) Grandfather (d) Cousin

RRB NTPC (11.01.2021 (Shift-I) Stage-Ia)

Ans. (b) : According to the question the given blood relation diagram is-



Hence, E is paternal uncle of B.

165. If X is Y's sister, Z is Y's mother, A is Z's father and B is A's mother, then how is X related to A?

(a) Mother's sister (b) Daughter
(c) Father's mother (d) Daughter's Daughter

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (d) : As per question, drawing the blood relation diagram.

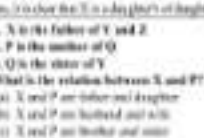
Therefore, it is clear that X is a daughter's of daughter A.

166. 1. X is the father of Y and Z
2. P is the mother of Q
3. Q is the sister of Y
What is the relation between X and P?

(a) X and P are father and daughter
(b) X and P are husband and wife
(c) X and P are brother and sister
(d) X and P are mother and father

RRB NTPC 15.02.2021 (Shift-I) Stage Ist

Ans. (b) On drawing blood relation diagram according to the question.



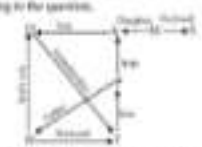
It is clear from the above diagram that x is husband of P.

167. P is married to X who is the daughter of M. T is the paternal grandmother of O who is the son of P. A is the husband of M and W is P's father. What is the relation of O with W?

(a) Daughter's son (b) Brother's son
(c) Sister's son (d) Son's son

RRB NTPC 16.02.2021 (Shift-II) Stage Ist

Ans. (d) : On drawing blood relation diagram according to the question.



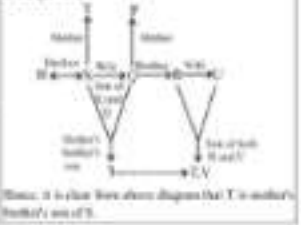
It is clear that above figure that O is son's son of W.

168. W and X are brothers. Y is the son of X and Q. B is married to U and is the brother of Q. T and V are the children of U. P is the mother of Q and Y is the mother of X. How is T related to X?

(a) Mother's brother
(b) Mother's brother's son
(c) Paternal Uncle
(d) Father's brother's son

RRB NTPC 16.02.2021 (Shift-II) Stage Ist

Ans. (b) On drawing blood relation diagram according to the question.



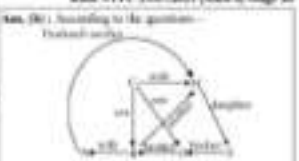
Hence, it is clear from above diagram that T is mother's brother's son of X.

169. If A is the wife of B, C is the father of B and D, D is the brother of E and E is the only daughter of M, then how is M related to A?

(a) Father
(b) Husband's sister
(c) Husband's sister
(d) Maternal uncle

RRB NTPC 21.07.2021 (Shift-I) Stage Ist

Ans. (b) : According to the question—



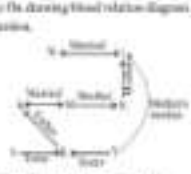
It is clear from diagram that M is sister of A husband.

170. W and T are married to each other and have only two children. K and M are married to each other and have only three children. R is the only sister of S and S. N's mother is T. M's brother is N, who is a teacher. K is the father of R. How is T related to S?

(a) Mother's brother
(b) Mother's mother
(c) Sister's husband
(d) Father's sister

RRB NTPC 26.07.2021 (Shift-I) Stage Ist

Ans. (b) : On drawing blood relation diagram according to the question.



It is clear that T is mother's mother of Y.

171. If A is the brother of B, B is the father of C and D is the wife of A, then how is D related to C ?

(a) Aunt (b) Niece

(c) Uncle (d) Nephew

RRB NTPC 30.12.2020 (Shift-I) Stage 1st

Ans. (a) : According to the question, on drawing blood relation diagram

Hence, it is clear from diagram that D is Aunt of C.

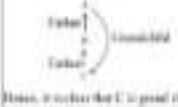
172. If A is the father of B and B is the father of C, then how is C related to A?

(a) Grandson (b) Granddaughter

(c) Grandchild (d) Grandfather

RRB NTPC 04.01.2021 (Shift-II) Stage 1st

Ans. (c) : According to the question



Hence, it is clear that C is grand child of A.

173. S is a female member of a family and has three children. M is the son of S. M is the maternal uncle of two girls who are not sisters, but whose mothers are siblings. Based on the information provided, which of the following statements is most likely to be true?

(a) S has one son, two daughters.

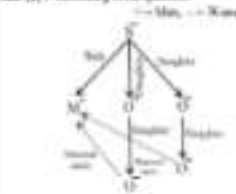
(b) S has two sons, one daughter

(c) S has one son, and the other two cannot be determined.

(d) S has one son, one daughter and third cannot be determined.

RRB NTPC 16.01.2021 (Shift-II) Stage 1st

Ans. (a) : According to the question.



Hence, it is clear from above diagram that S has one sons and two daughters Hence, option (a) will be true.

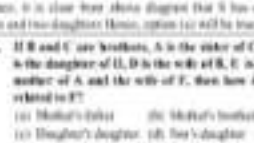
174. If B and C are brothers, A is the sister of C, G is the daughter of E, D is the wife of B, E is the mother of A and the wife of F, then how is G related to F?

(a) Mother's father (b) Mother's brother

(c) Daughter's daughter (d) Son's daughter

RRB NTPC 22.02.2021 (Shift-I) Stage 1st

Ans. (d) : According to the question, blood relation diagram is as follows:



Hence, it is clear from blood relation diagram that 'G' is the daughter of the son of 'F'.

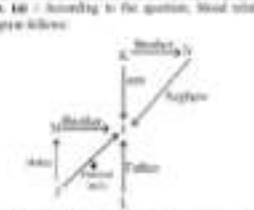
175. If A is Z's maternal uncle, K's son, M's only sibling, L's father and N's nephew, then is M related to Z

(a) Mother (b) Cousin

(c) Father (d) Aunt

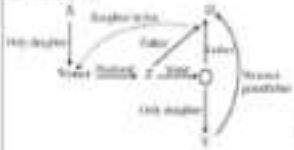
RRB NTPC 27.02.2021 (Shift-I) Stage 1st

Ans. (a) : According to the question, blood relation diagram follows:



Hence, it is clear from blood relation diagram that M is the mother of Z.

Ans. (d) : As per the question, the relationship diagram will be as follows-



Hence, it is clear from blood relation diagram that mother is daughter-in-law of D.

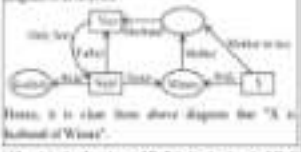
102. Sujal is the only son of X's mother-in-law's husband Vasu. Rashish is the wife of Sujal. Sujal has only one sister named Winnie. How is X related to Winnie?

(a) Husband (b) Wife

(c) Maternal Uncle (d) Paternal Uncle

RRB NTPC 31.07.2021 (Shift-II) Stage Ist

Ans. (a) : According to the question, blood relation diagram is as follows-



Hence, it is clear from above diagram that "X is husband of Winnie".

103. A is the daughter of B, B is the husband of C, C is the sister of D. How is A related to D?

(a) Sister's son (b) Brother's daughter

(c) sister (d) sister's daughter

RRB NTPC 28.01.2021 (Shift-I) Stage Ist

Ans. (d) : From question

Hence, A is sister's daughter of D's sister.

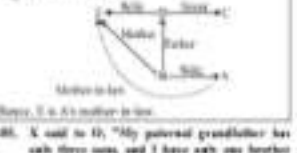
104. There is a family of five persons A, B, C, D and E. D is the father of B, who is the wife of A. C is the sister of B, and E is the wife of D. How is E related to A?

(a) Son-in-law (b) Son

(c) Mother-in-law (d) Mother

RRB NTPC 02.02.2021 (Shift-I) Stage Ist

Ans. (c) : According to the question, Blood relation diagram is as follows-



Hence, E is A's mother-in-law.

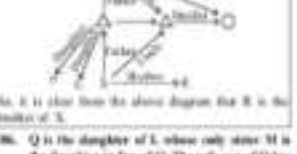
105. X said to Q, "My paternal grandfather has only three sons, and I have only one brother and no daughter. You are the brother of my paternal uncle." Q told X, "Though I am unmarried, I have only two sisters, C and P, and only two nephews, R being one of the two." How is R related to X?

(a) Sister (b) Brother

(c) Son (d) Nephew

RRB NTPC 18.02.2021 (Shift-II) Stage Ist

Ans. (b) : Blood Relation diagram is as follows according to the question.



So, it is clear from the above diagram that R is the brother of X.

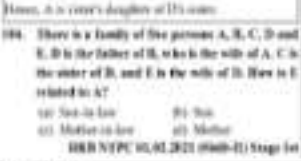
106. Q is the daughter of L whose only sister M is the daughter-in-law of O. The only son of O has three daughters P, R and S. How is S related to L?

(a) Daughter (b) Mother's sister

(c) Sister's Daughter (d) Mother

RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (c) : The blood relation diagram is as follows-



It is clear from the blood relation diagram that S is the sister's daughter of L.

107. Q is the paternal uncle of R and N is R's father. N's father O has two children, R's mother L has two sisters X and Y. How is Q related to L?

(a) Husband's Father (b) Father's Brother

(c) Husband's Brother (d) Brother's Wife

RRB NTPC 27.02.2021 (Shift-II) Stage Ist

Ans. (a) : Blood relation diagram is as follows.

It is clear from the blood relation diagram that Q is the brother of C's husband.

188. Eight people, namely A, B, C, D, E, F, G and H are sitting around a dining table. D is the brother of E, G's wife is F, B is A's wife, C is married to H. A is C's brother. F is the father-in-law of B. C is the father of his only son D. How is A related to D.

(a) Son (b) Mother's Father
(c) Paternal Uncle (d) Father

RRB NTPC 08.03.2021 (Shift-1) Stage 1st

Ans. (b) : According to the question.

So, it is clear that A is paternal uncle of D.

189. B is mother of A
C is brother of D
B and C, D and E, F and G are three married couples.
F is father-in-law of E
How is B related to G?

(a) Son's wife (b) Mother
(c) Son's daughter (d) Daughter

RRB NTPC 24.07.2021 (Shift-2) Stage 1st

Ans. (a) : From question.

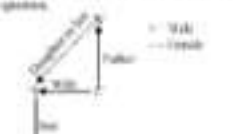
Hence, it is clear from diagram that B is G's son's wife.

190. X is the son of Y, Y is Z's wife. W is the father of Z. So how is Y related to W?

(a) Brother-in-law (b) Daughter-in-law
(c) Sister-in-law (d) Father-in-law

RRB Group-D – 23/09/2018 (Shift-3)

Ans. (b) : On drawing blood relation diagram according to the question.



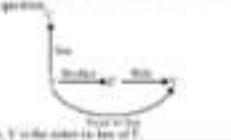
Hence, Y is daughter-in-law of W.

191. If C has sons T and Z and Z is married to Y, then how is Y related to T ?

(a) Son-in-law (b) Sister-in-law
(c) Brother-in-law (d) Mother-in-law

RRB Group-D – 23/09/2018 (Shift-3)

Ans. (b) : On drawing blood relation diagram according to the question.



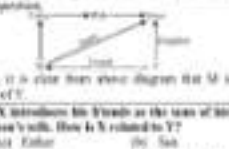
Hence, Y is the sister-in-law of T.

192. M meets Y at a wedding ceremony. Y is the daughter of sister of wife of M's father. How is M related to Y?

(a) Friend (b) Cousin
(c) Niece (d) Nephew

RRB Group-D – 24/09/2018 (Shift-II)

Ans. (b) : On drawing blood relation diagram according to the question.



Hence, it is clear from above diagram that M is the cousin of Y.

193. X introduces his friends as the sons of his only son's wife. How is X related to Y?

(a) Father (b) Son
(c) Grandson (d) Grandfather

RRB Group-D – 24/09/2018 (Shift-II)
RRB Group-D – 11/10/2018 (Shift-III)

Ans. (d) : On drawing blood relation diagram according to the question.

Hence, X is clear from above diagram that X is grandfather of Y.

194. A's mother is B's sister and C's daughter D is the son of B and brother of E. How is C related to E?

(a) Uncle
(b) Grandmother/Grandfather
(c) Grandmother
(d) Grandfather

RPF Constable 18.01.2019 Shift : III

Ans : (b) According to the question.

Hence, C is the Grandfather/Grandmother of E.

195. X is sister of Y, X is the wife of Z. Y is M's second daughter. How is Y related to Z ?

(a) Sister (b) Sister-in-law
(c) Brother-in-law (d) Brother

RRB Group-D - 29/10/2018 (Shift-I)

Ans. (b) According to the question.

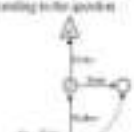
Hence, Y is the sister-in-law of Z.

196. If X is sister of Y, Z is mother of Y, W is father of Z, then how is Z's sister related to X?

(a) Sister (b) Mother
(c) Aunt (d) Sister-in-law

RRB Group-D - 29/10/2018 (Shift-II)

Ans : (d) According to the question



Hence, the sister of 'Z' is the Aunt of 'X'.

197. Z is the daughter of W. L is the wife of W. K is L's father. How is K related to Z?

(a) Father
(b) Maternal Grandfather
(c) Paternal Grandfather
(d) Grandson

Ans. (b) : On drawing blood relation diagram according to the question.

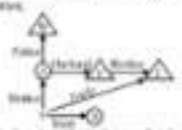
Hence, it is clear from above diagram that K is the Maternal Grandfather of Z.

198. If Y's sister is X, Y's mother is Z, Z's father is M, Z's husband is V. How is Y's brother related to V?

(a) Maternal Uncle (b) Father
(c) Brother (d) Father-in-law

RPF SI 12.01.2019 Shift : I

Ans. (a) : On drawing blood relation diagram according to the question.



Hence, it is clear from above diagram that the brother of 'Y' is maternal uncle of 'V'.

199. F is the father of N and D, daughter of D's aunt is K. How is F related to K?

(a) Maternal uncle (b) Daughter
(c) Daughter-in-law (d) Nephew

RRB Group-D - 17/01/2019 (Shift-II)

Ans. (a) : On drawing blood relation diagram according to the question.

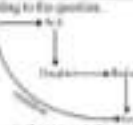
Hence, it is clear from above diagram that F is the maternal uncle of K.

200. X shows a picture to his friend Z and says, "This is the son of the husband of my wife's daughter. "How will the person in the picture related to X?

(a) Grandson (b) Granddaughter
(c) Father-in-law (d) Uncle

RRB Group-D - 17/01/2019 (Shift-III)

Ans. (a) According to the question.



Hence, the Person in the picture is the grandson of X.

204. V is the daughter of MX, and N is the daughter of NX, MX and NX's father is same. What is the relation between V and N?

(a) Aunt (b) Sister-in-law
(c) Maternal Aunt (d) Cousin

RRB Group D – 28/09/2018 (Shift-I)

Ans. (d) : On drawing blood relation diagram according to the question,

Hence, it is clear from above diagram that V is the cousin of N.

205. If X and A are daughters of B and A is married to V then how is V related to X?

(a) Son-in-law (b) Brother-in-law
(c) Father-in-law (d) Mother-in-law

RRB Group D – 28/09/2018 (Shift-I)

Ans. (b) : On drawing blood relation diagram according to the question,

Hence, it is clear from blood relation diagram that 'V' is the brother-in-law of 'B'.

206. If Y is the daughter of C and C is the wife of F. Then how is F related to Y?

(a) Father (b) Sister
(c) Brother (d) Daughter

RRB Group D – 22/10/2018 (Shift-I)

Ans. (a) According to the question,

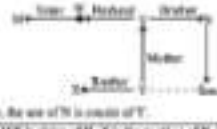
Hence, F is the father of Y.

207. X is brother of Y, Y is mother of U, M is sister of Y's husband, N is brother of Y then how is N's one related to Y?

(a) Sister (b) Aunt
(c) Cousin (d) Nephew

RPF Constable 17/01/2019 Shift - I

Ans. (c) : If Husband of 'Y' is 'W' then,



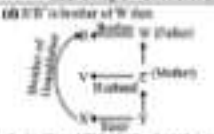
Hence, the son of N is cousin of 'Y'.

208. If X is sister of Y, Z is the mother of Y, W is the father of Z, and V is husband of Z then how is W's brother related to X?

(a) Maternal Grandfather
(b) Brother
(c) Maternal Uncle
(d) Maternal Grandfather's Brother

RRB Group D – 26/10/2018 (Shift-III)

Ans. (d) If 'B' is brother of 'W' then



Hence, the brother of W is the brother of the maternal grandfather of X.

209. U is the sister of W, X is the wife of U, W is the second son of K then how is W related to Y?

(a) Sister-in-law
(b) Sister
(c) Brother-in-law
(d) Brother

RRB Group D – 26/10/2018 (Shift-III)

Ans. (a) On drawing blood relation diagram according to the question,

Hence, W is brother-in-law of Y.

210. X is brother of Y, Y is mother of U, M is sister of Y's husband, N is the brother of Y, U is husband of V, then how is father of U related to X?

(a) Brother-in-law
(b) Uncle
(c) Grandfather
(d) Brother

RPF SI 12.01.2019 Shift - I

Ans. (c) : On drawing blood relation diagram according to the question.

Hence, the father of 'U' is the grand father of X.

208. M is the great granddaughter of H and H is the mother of N, N is mother of M's mother. How is N related to M?

(a) Maternal Grandfather
(b) Maternal Grandmother
(c) Grandmother
(d) Aunt

RRB Group-D – 09/12/2018 (Shift-III)

Ans. (b) On drawing blood relation diagram according to the question.

Hence, 'N' is the Maternal Grandmother of M.

209. VK and NY are daughters of MK. VK is married to MZ. How is NY related to MZ?

(a) Sister-in-law (b) Cousin
(c) Brother-in-law (d) Brother

RRB Group-D – 03/12/2018 (Shift-I)

Ans. (c) : On drawing blood relation diagram according to the question.

Hence, 'MZ' is the brother-in-law of 'NY'.

210. Based on the statements given below, answer the following questions.
Statements-
K is brother of R.
P is sister of K.
T is brother of N.
N is daughter of R.
Question : How is P related to T ?

(a) Sister-in-law (b) Sister
(c) Grandmother (d) Aunt

RPF Constable 26.01.2019 Shift : III

Ans. (d) : On drawing blood relation diagram according to the question.

Hence, P is Aunt of T.

211. A's mother is M's sister and N's daughter. R is M's daughter and P's sister. How is P related to N?

(a) Father (b) Son
(c) Granddaughter (d) Daughter

RRB Group-D – 06/11/2018 (Shift-I)

Ans. (d) : On drawing blood relation diagram according to the question.

Hence, P is the grand daughter son of N.

212. N is the son of M and V is the daughter of M. N and V are.....?

(a) Friends (b) Cousin
(c) Brother - Sister (d) Sisters

RRB Group-D – 15/11/2018 (Shift-I)

Ans. (c) On drawing blood relation diagram according to the question.

Hence, N and V are brother and sister.

213. X is the brother of Y, Y is mother of V, M is sister of V's husband, then how is M's daughter related to Y?

(a) Sister (b) Cousin
(c) Maternal Aunt (d) Nephew

RRB Group-D – 15/11/2018 (Shift-II)

Ans. (b) : On drawing blood relation diagram according to the question.

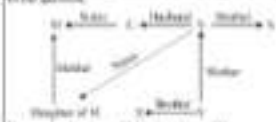
Hence, the daughter of M is the cousin of V.

214. X is brother of Y, Y is mother of Z, M is sister of Y's husband, N is brother of Y, U is husband of V. How is M's daughter related to Y?

(a) Sister-in-law (b) Sister
(c) Niece (d) Cousin

RRB Group-D – 12/11/2018 (Shift-II)

Ans. (c) : On drawing blood relation diagram according to the question.



Hence, the daughter of M is the niece of Y.

215. X is the brother of Z, Y's mother is Y, Y's husband's sister is M, Y's brother is N, Y's husband is U then how is U's mother related to X?

(a) Grandmother (b) Aunt
(c) Mother (d) Sister-in-law

RRB Group-D – 05/11/2018 (Shift-I)

Ans. (d) On drawing blood relation diagram according to the question.

Hence, the mother of X is the grandmother of Y.

216. Six people L, M, N, O, P and Q live in a house. N is the sister of Q. M is brother of P's husband, O is the father of L and grandfather of Q. Two fathers, One mother and three brothers are in this group. Who is P's husband?

(a) O (b) M
(c) L (d) N

RRB Group-D – 02/11/2018 (Shift-III)

Ans. (c) According to the question.

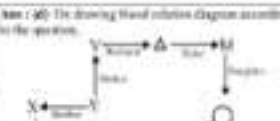
Hence, the husband of P is L.

217. If X is brother of Y and Y is mother of V, M is sister of V's husband, then how is M's daughter related to X?

(a) Aunt (b) Sister
(c) Nephew (d) Cousin

RRB Group-D – 23/10/2018 (Shift-III)

Ans. (d) On drawing blood relation diagram according to the question.



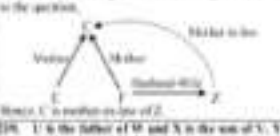
Hence, the daughter of M is the cousin of X.

218. C is the mother of X and E. F is married to Z then how is C related Z?

(a) Mother (b) Son-in-law
(c) Mother-in-law (d) Daughter-in-law

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (c) On drawing blood relation diagram according to the question.



Hence, C is mother-in-law of Z.

219. U is the father of M and X is the son of V. Y is the brother of U. If W is the sister of X, then how is V related to Y?

(a) Daughter (b) Brother-in-Law
(c) Husband (d) Sister-in-Law

RRB NTPC 30.04.2016 Shift : I

Ans. (d) According to the question.

Hence, V is the sister-in-law of Y.

220. It is given that
1. P is father of Q
2. R is brother of P
3. S is brother of T
4. T is brother of Q
Who is Paternal Uncle of S?

(a) R (b) P
(c) Q (d) T

RRB NTPC 30.04.2016 Shift : I

Ans. (a) On drawing blood relation diagram according to the question.

Hence, S is paternal uncle of R.

221. L and M are children of N and N is the father of L. L is the daughter of V but M is not the son of V. How are L and M related?

(a) L is the brother of M
(b) L is the sister of M
(c) N is the cousin of M
(d) can not determined

RRB NTPC 29.04.2016 Shift : 1

Ans. (b) On drawing blood relation diagram according to the question.

Hence, L is sister of M.

222. P is the brother of Q. Q is the brother of R. P is the son of S. Which of the following statements based on these three information can be definitely be false?

(a) Q is the brother of P
(b) Q is the son of S
(c) P is the brother of R
(d) S is the brother of Q

RRB NTPC 27.04.2016 Shift : 1

Ans. (d) On drawing blood relation diagram according to the question.

Right Statement – (1) Q is brother of P
(2) Q is son of S
(3) P is brother of R

Hence, option (d) is wrong.

223. P is the brother of Q. U is the father of T who is the brother of S. R is the mother of Q whose sister is S. How is U related to R?

(a) Father (b) Brother
(c) Husband (d) Son

RRB NTPC 26.04.2016 Shift : 1

Ans. (c) On drawing blood relation diagram according to the question.

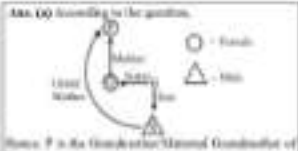
Hence, U is the husband of R.

224. P is the mother of Q who is sister of R. S is the son of R. How is P related to S?

(a) Grandmother/Maternal Grandmother
(b) Mother
(c) Mother-in-law
(d) cannot be determined

RPF SI 22.01.2019 Shift : 1

Ans. (a) According to the question.



Hence, P is the Grandmother/Maternal Grandmother of S.

225. R and C are husband and wife respectively. M is the father of K and C. How is R related to M?

(a) Uncle (b) Son
(c) Son-in-law (d) Brother

RRB NTPC 19.01.2017 Shift : 1

Ans. (c) According to the question.

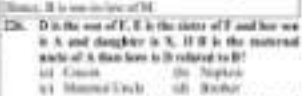
Hence, R is son-in-law of M.

226. D is the son of E. E is the sister of F and her son is A and daughter is X. If B is the maternal uncle of A then how is B related to D?

(a) Cousin (b) Nephew
(c) Maternal Uncle (d) Brother

RRB NTPC 09.04.2016 Shift : 1

Ans. (b) According to the question.



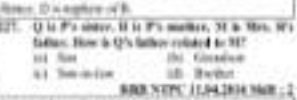
Hence, D is nephew of B.

227. Q is P's sister, B is P's mother, M is Mrs. M's father. How is Q's father related to M?

(a) Son (b) Grandson
(c) Son-in-law (d) Brother

RRB NTPC 11.04.2016 Shift : 2

Ans. (a) According to the question.



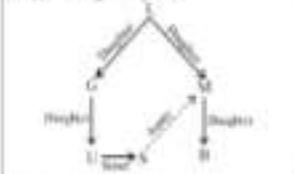
Hence, the father of Q is the son-in-law of M.

228. U and B are daughters of G and M. L is the mother of G and M. S is the sister of U. L has only two daughters. How is M related to S?

(a) Sister (b) Daughter
(c) Aunt (d) Cousin

RRB NTPC 19.04.2016 Shift : 2

Ans. (c) According to the question,



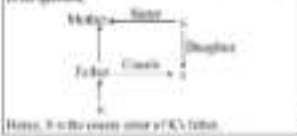
Hence, M is the father of S.

229. The mother of K's father is G's sister. S is the daughter of G. How is S related to K's father?

(a) Cousin Sister
(b) Mother
(c) Aunt
(d) cannot be determined

RRB NTPC 19.04.2016 Shift : 2

Ans. (a) On drawing blood relation diagram according to the question,



Hence, S is the cousin sister of K's father.

230. H is the brother of C. D is the sister of H. F is the sister of E who is the son of C. K is the husband of C. How is D related to F ?

(a) Maternal Aunt (b) Mother
(c) Sister (d) Niece

RRB NTPC 19.04.2016 Shift : 1

Ans. (a) On drawing blood relation diagram according to the question,

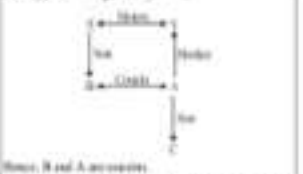
Hence, D is the maternal aunt of F.

231. In a family X and Y are sisters. A's mother is Y. A's son is C. X's son is B. Which of the following statement is correct?

(a) B and A are cousins
(b) A is the son of X and Y.
(c) X is the father of B.
(d) X is the grandmother of C.

RRB NTPC 20.01.2016 Shift : 1

Ans. (a) According to the question,



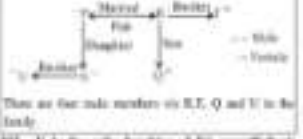
Hence, B and A are cousins.

232. There is a family of 6 persons P, Q, R, S, T and U. P and R is a married couple, P's daughter is S. R's son is Q, but Q's mother is not R. R's brother is T, U is brother of S, then how many members are men in the family?

(a) 2 (b) 4
(c) 3 (d) 5

RRB NTPC 20.01.2016 Shift : 2

Ans. (b) According to the question,



There are four male members viz R,T, Q and U in the family.

233. X is the only daughter of Y's grandfather's only son. Y's grandfather has only one child. How is X related to Y?

(a) Mother (b) Sister
(c) Paternal Aunt (d) Grandmother

RRB NTPC 03.04.2016 Shift : 2

Ans. (b) On drawing blood relation diagram according to the question,

Hence, X is the sister of Y.

234. M is the son of N. O is the father of N. N is the father of P. How is O related to P?

(a) Wife (b) Husband
(c) Father (d) Grandfather

RRB NTPC 03.04.2016 Shift : 1

Ans. (d) On drawing blood relation diagram according to the question,

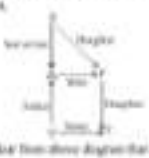
Here H is the Grandfather of P.

235. Q's father is son-in-law of R. C is sister of Q and daughter of P. How is P related to R?

(a) Son (b) Daughter
(c) Grandson (d) Granddaughter

RRB NTPC 03.04.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question,



Hence, it is clear from above diagram that P is daughter of R.

236. P is the son of Q. T is the son of Q's sister S. U is the maternal uncle of T. How is P related to U?

(a) Son (b) Nephew
(c) Brother (d) Uncle

RRB NTPC 04.04.2016 Shift : I

Ans. (b) On drawing blood relation diagram according to the question,

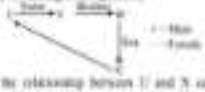
Hence, it is clear from above diagram that P is nephew of U.

237. X is the son of W and W is the brother of Y. Y is the sister of U. How is U related to X ?

(a) can not determine (b) Daughter
(c) Mother (d) Sister

RRB NTPC 17.01.2017 Shift-I

Ans. (a) According to the question,



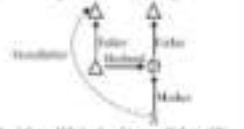
Hence, the relationship between U and X cannot be determined because it is not certain that U is male or female.

238. If Y's mother is the only daughter of Y's father, then how is father of Y's husband related to X?

(a) Grandfather (b) Great Grandfather
(c) Uncle (d) Father

RRB ALP & Tec. (31-08-18 Shift-III)

Ans. (a) : According to blood relation diagram



Hence, the father of Y's husband is grandfather of X.

239. If Y's mother is the only daughter of Y's father, then how is sister of Y'S husband related to X_____?

(a) Mother (b) Aunt
(c) Sister (d) Mother-in-law

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (b) : On drawing blood relation diagram according to the question,

Hence, the sister of Y's husband is Aunt of X.

240. Pointing towards X, Y says, "X is the daughter of the my mother's only son. "Then how is Y's mother related to X ?

(a) Great grandmother (b) Mother
(c) Grandmother (d) Aunt

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (c) : On drawing blood relation diagram according to the question,

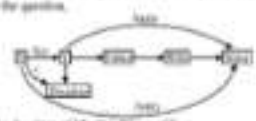
Hence, the mother of Y is Grandmother of X.

241. Mr. X said to Mr. Y, "Your father's wife's sister is my aunt." How is Mr. Y's daughter related to Mr. X ?

(a) Niece (b) Brother
(c) Sister (d) Cousin

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (a) : On drawing blood relation diagram according to the question.



The daughter of Mr. Y is Niece of X.

242. Pointing towards X, Y says that X is the son of the only son of Y's mother, then how is Y's father related to X?

(a) Grandfather (b) Brother
(c) Father (d) Father-in-law

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (a) : On drawing blood relation diagram according to the question,

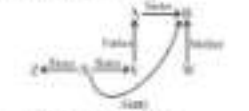
Hence, the father of Y is Grandfather of X.

243. If Mr. X has two sisters Y and Z, and W's mother is the sister of Y's father, then how is W's mother related to X?

(a) Aunt (b) Mother
(c) Grandmother (d) Sister

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (d) : According to the question.



Hence, the Mother of W is cousin of X.

244. Mr. X is the only son of Ms. Y's grandfather. If Mr. X has no brother or sister and his father is Ms. Y's grandfather, then how is Mr. X related to Ms. Y ?

(a) Father - in - law (b) Uncle
(c) Brother (d) Father

RRB ALP & Tec. (23-08-18 Shift-I)

Ans. (d) : According to the question.

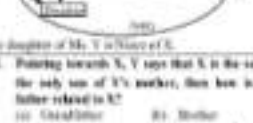
Hence, X is the father of Ms. Y.

245. If Y is the brother of X, Y is Z's son then Z's how is Z's father related to X?

(a) Father-in-law (b) Father
(c) Grandfather (d) Uncle

RRB ALP & Tec. (20-08-18 Shift-II)

Ans. (c) : On drawing blood relation diagram according to the question.



Hence, the father of Z is the grandfather of X.

246. If P is brother of Q's son, How is P related to Q ?

(a) Brother (b) Son
(c) Grand Son (d) Cousin

RRB ALP & Tec. (20-08-18 Shift-III)

Ans. (b) : On drawing blood relation diagram according to the question.

It is clear from the above diagram that P is son of Q.

247. Pointing towards X, Y says, "X is the son of the only son of my mother." How is Y related to X?

(a) Father-in-law (b) Brother
(c) Father (d) Grandfather

RRB ALP & Tec. (17-08-18 Shift-I)

Ans. (c) : According to the question,

It is clear from the above diagram that Y is the father of X.

248. P is Y's mother's only son's wife. How is P related to Y?

(a) Daughter-in-law (b) Mother-in-law
(c) Sister-in-law (d) Sister

RRB ALP & Tec. (17-08-18 Shift-II)

Ans. (c) : On drawing blood relation diagram according to the question,

It is clear from the above diagram that P is Sister-in-law of Y.

249. If Y is the brother of U, U is the sister of W and X is the husband of U, then how is W related to Y ?

(a) Brother-in-law or sister-in-law
(b) Uncle or Aunt
(c) Brother or sister
(d) Mother

RRB ALP & Tec. (17-08-18 Shift-III)

Ans : (a) On drawing blood relation diagram according to the question

It is clear from the above diagram that 'A' is brother-sister of V.

250. If V is the brother of U, U is the sister of W and X is the husband of U, then how is U related to V ?

(a) Aunt (b) Sister
(c) Sister-in-law (d) Mother

RRB ALP & Tec (10-08-18 Shift-II)

Ans. (b) : According to statements

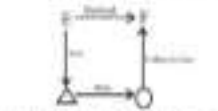
It is clear from the above diagram that U and V are sisters.

251. E said to F, "you are the father in law of my son's wife. How is F related to E?"

(a) F is father of X
(b) F is husband of E
(c) F is brother-in-law of E
(d) F is the wife of E

RRB ALP (T01-2 Physics & Maths 23-01-2019 (Shift-II))

Ans. (b) : On drawing the diagram according to the question



Hence, it is clear from the above diagram that F is husband of E.

252. If X has two sisters Y and Z, and W's mother is the sister of Y's father, then how is W related to Z?

(a) Father (b) Sister
(c) Mother (d) Cousin

RRB ALP & Tec (10-08-18 Shift-II)

Ans. (d) : On drawing blood relation diagram according to the question,

Hence, Z is Cousin of W.

Type - 3

253. If

'A # B' means 'A is the father of B',
'A $ B' means 'A is the mother of B,
'A @ B' means 'A is the husband of B.
'A % B' means 'A is the wife of B',
'A +B' means 'A is the brother of B'
then how is P related to Y in the following expression?
P @ Q $ U + R % S + Y

(a) Paternal grandfather
(b) Maternal grandfather
(c) Father's brother
(d) Mother's brother

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (b) : Expression → P @ Q $ U + R % S + Y
On drawing blood relation diagram

Hence, it is clear from above figure that P is Y's maternal grandfather.

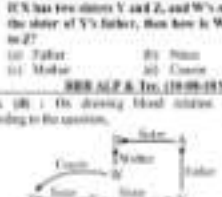
254. If

'M#T' means S is the father of T,
'M$T' means S is the mother of T,
'M@T' means S is the husband of T,
'S + T' means S is the son of T,
then how is E related to L in the following expression?
L $ Q + R #M @ E + S

(a) Mother (b) Daughter
(c) Daughter-in-law (d) Mother-in-law

RRB NTPC (Stage-II) - 17/06/2022 (Shift-I)

Ans. (c) : According to the question,

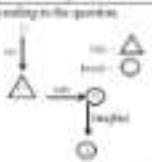


Hence, it is clear from the blood relation diagram that E is the daughter-in-law of L.

255. 'P + Q' means 'P is the daughter of Q'
'P − Q' means 'P is the son of Q'
'P × Q' means 'P is the wife of Q'
Which of the following options is correct for the given expression?
'A × B − C + D'
(a) C is the wife of D
(b) B is the son of D
(c) B is the daughter of D
(d) A is the daughter of D's son

RRB NTPC (Stage-II)—17/06/2022 (Shift-III)

Ans. (d) : According to the question,

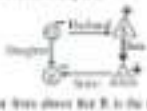


Hence, it is clear from blood relation diagram that A is the daughter of D's son.

256. 'X is the mother of Y' is represented by 'X + Y'
'X is the husband of Y' is represented by 'X × Y'
'X is the sister of Y' is represented by 'X ÷ Y'
'X is the son of Y' is represented by 'X − Y'
Which of the following indicates the relationship 'R is the daughter of Q'?
(a) Q × K ÷ R − M (b) R ÷ Q × K + Q
(c) Q + K ÷ R × R (d) R ÷ Q × K − Q

RRB NTPC (Stage-II)—14/06/2022 (Shift-I)

Ans. (d) : From option (d), R ÷ Q × K − Q
On drawing blood relation diagram,

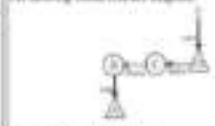


Hence, it is clear from above that R is the daughter of Q.

257. If
'P + Q' means 'P is the father of Q',
'P − Q' means 'P is the mother of Q',
'P÷Q' means 'P is the sister of Q',
'P×Q' means 'P is the son of Q',
'P∩Q' means 'P is the daughter of Q',
then which of the following means that "A is B's daughter's son"?
(a) A÷B + C − D×E (b) A×B÷C / D+E
(c) A÷B−C×D÷E (d) A×B / C÷D−E

RRB NTPC (Stage-II)—15/06/2022 (Shift-II)

Ans. (d) : From option (d),
A × B/C÷D − E.
On drawing blood relation diagram,



Hence, option (d) is correct.

258. Indicating to a woman, a man said, "Her father is the only son of my father." How is the man related to the woman?
(a) Father (b) Grandfather
(c) Brother (d) Son

RRB NTPC 09/01/2021 (Shift-I) Stage-Ia

Ans. (a) : On drawing blood relation diagram according to the question,

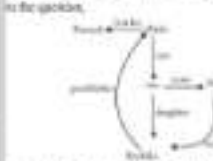
Hence, the man is the father of woman.

259. If 'A-sB' means 'A is the mother (or any other relationship) of B', then using the given relationship chart, select the option that correctly depicts the meaning of 'Rohan→Rishi'.

(Cousin → Brother → Grandfather → Niece → Sister →)
(a) Rohan is the grandson of Rishi
(b) Rishi is the son of Rohan
(c) Rohan is the son of Rishi
(d) Rohan is the nephew of Rishi

RRB NTPC 09/01/2021 (Shift-I) Stage-Ia

Ans. (c) : On drawing blood relation diagram according to the question,



It is clear from the above blood relation diagram that Rohan is the son of Rishi.

260. Study the given relationship chart and answer the question that follows

(Caution – MOTHER - AUNT - DAUGHTER - SISTER - FRIEND- SARAH - DAVID-JOHN - PAUL - JOSEPH - SAM -)

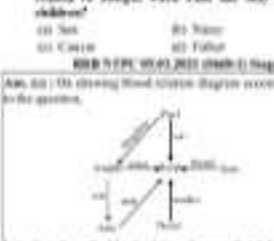
If 'A → B' means 'A is the mother (or any other relationship) of B', then who will John be related to Joseph, when Paul has only two children?

(a) Son (b) Nieces

(c) Cousin (d) Father

RRB NTPC 09.03.2021 (Shift-I) Stage Ist

Ans. (a) : On drawing blood relation diagram according to the question,



It is clear from the blood relation diagram that John is the son of Joseph.

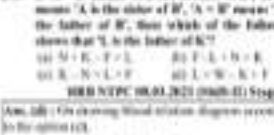
261. If 'A × B' means 'A is the brother of B', 'A – B' means 'A is the sister of B', 'A + B' means 'A is the father of B', then which of the following shows that 'L is the father of K'?

(a) N + K, – F + L (b) F – L, + N × K

(c) K, – N × L + F (d) L + W, – K × F

RRB NTPC 08.03.2021 (Shift-II) Stage Ist

Ans. (d) : On drawing blood relation diagram according to the option (d),



Hence, the option (d) shows that L is the father of K.

262. If CSD means C is husband of D, C&D means C is mother of D and C% D means C is son of D. Then what is the meaning of X% Z & W & Y, if W has only one son?

(a) X is the son of Y

(b) Y is the brother of X

(c) Y is the son of X

(d) X is the brother of Y

RRB ALP CBT-2 Physics & Maths 22.01.2019 (Shift-I)

Ans. (d) : According to the question,

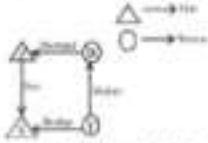
X % Z I W & Y

X % Z means → X is son of Z

Z I W means → Z is husband of W.

W & Y means → W is mother of Y

On drawing blood relation diagram,



Hence, it is clear from the diagram that X is the brother of Y.

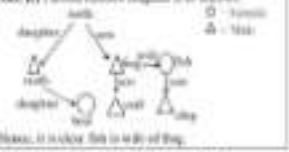
263. Fish and Chip are mother and son, respectively. Bird is granddaughter of Turtle. Frog and Crab are father and son, respectively. Turtle has only two children, Frog and Moth. If bird is the only child of her parents and Chip is the grandson of Turtle, how is Fish related to Frog?

(a) Sister (b) Brother's Daughter

(c) Wife (d) Daughter

RRB NTPC 06.04.2021 (Shift-I) Stage Ist

Ans. (c) : Blood relation diagram is as follows



Hence, it is clear fish is wife of frog.

264. 'F @ Q' means 'F is the sister of Q'.
'F # Q' means 'F is the father of Q'.
'F X Q' means 'F is the wife of Q'.
'F % Q' means 'F is the son of Q'.
If 'A% B # C @ D X E', then how is D related to E?

(a) Daughter-in-law (b) Daughter

(c) Wife (d) Sister

RRB NTPC 23.07.2021 (Shift-I) Stage Ist

Ans. (b) : On drawing blood relation diagram according to the question,

It is clear from diagram that D is daughter of B.

265. If "P + Q" means P is the brother of Q, "P − Q" means P is the sister of Q, "P × Q" means P is the husband of Q and "P ÷ Q" means P is the son of Q, then which of the following shows that K is the daughter of M?

(a) L * K − N ÷ M (b) K ÷ L − N − M

(c) K − L / N * M (d) K − L / N ÷ M

RRB NTPC 26.07.2021 (Shift-I) Stage Ist

Ans. (c) : On drawing blood relation diagram according to the option (c).

K − L / N * M is

Hence, option (c) shows that K is the daughter of M.

266. While introducing a man to her husband, a woman said, "His brother's father is the only son of my grandfather". What is the relationship of the woman to man ?

(a) Sister (b) Daughter

(c) Mother (d) Aunt

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (a) : On drawing the relation diagram as per the question :

Hence, it is clear from the diagram that the woman is the sister of that man.

267. A × B means - A is the sister of B. A + B means, A is the husband of B and A * B means A is the daughter of B then P × Q * R + S means?

(a) S is mother of P

(b) S is sister of P

(c) S is sister-in-law of P

(d) S is grandmother of P

RRB ALP (CBT-2) Exa. - Mar. 23-05-2019 (Shift-II)

Ans. (a) : On drawing blood relation diagram according to the given condition, P × Q * R + S

It is clear from the above diagram that S is the mother of P.

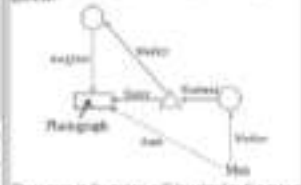
268. Pointing to a photograph a man said, "She is the daughter of the woman who is the mother of my mother's husband". How is the woman in the photograph related to that person ?

(a) Daughter (b) Aunt

(c) Sister (d) Sister-in-law

RRB NTPC 29.12.2020 (Shift-II) Stage Ist

Ans. (b) : On making relation diagram according to the question :



The woman in the picture will be related to that person as Aunt.

269. If A × B = A is the brother of B, A/B = A is the mother of B and A + B = A is the daughter of B, then in L/M + N × O, who is the father?

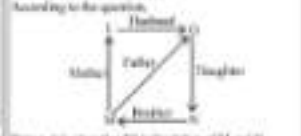
(a) L (b) N

(c) M (d) O

RRB NTPC 31.01.2021 (Shift-I) Stage Ist

Ans. (d) : Given − L/M + N × O

According to the question,



Hence, it is clear that 'O' is the father of M and N.

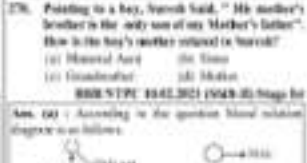
270. Pointing to a boy, Suresh Said, " His mother's brother's the only son of my Mother's father". How is the boy's mother related to Suresh?

(a) Maternal Aunt (b) Sister

(c) Grandmother (d) Mother

RRB NTPC 10.02.2021 (Shift-II) Stage Ist

Ans. (a) : According to the question blood relation diagram is as follows.



Hence, It is clear from diagram that mother of boy is Maternal Aunt of Suresh.

271. **If L + M means ' L is the son of M', L − M means 'L is the husband of M', L × M means ' L is the brother of M' and L ÷ M means ' L is the mother of M'. What does A + B − C mean?**
(a) A is the Mother of C
(b) A is the father of C
(c) A is the nephew of C
(d) A is the maternal uncle of C

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (d) : Given:

A + B − C

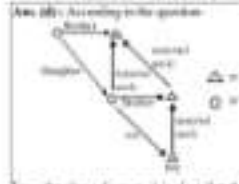
Do making diagram According to the question,

It is clear that A is C's maternal uncle or uncle.

272. **A nurse dressing the wound of a boy in a clinic is asked by her colleague how that boy is related to her. She replies, " My maternal uncle and the maternal uncle of his maternal uncle are the same." How is that boy related to the nurse?**
(a) Brother (b) Brother's Son
(c) Paternal Aunt (d) Son

RRB NTPC 22.02.2021 (Shift-I) Stage Ist

Ans. (d) : According to the question



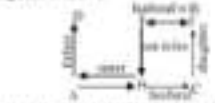
From the above diagram, it is clear that the boy is the son of the nurse.

273. **In the following relationship chart, A+ B means A is the mother (or any other relationship) of B. Now using the chart find out how is F related to E.**

(Reference−Father : Daughter : Sister : Husband : Son-in-law)
(a) Daughter (b) Spouse
(c) Sibling (d) Father

RRB NTPC 04.01.2021 (Shift-II) Stage Ist

Ans. (b) : According to the question blood relation diagram is as follows



In the following relationship chart, E and F is Spouse (Husband/Wife).

274. **A man said to a woman, "Your husband's daughter is the daughter of my brother". How is the man related of the woman's daughter?**
(a) Brother (b) Father's Brother
(c) Father (d) Mother's brother

RRB NTPC 01.04.2021 (Shift-I) Stage Ist

Ans. (b) : According to the question the blood relation diagram is as follows.

It is clear from the diagram the man is the brother of the father of the woman's daughter.

275. **Heart is the daughter of Lungs. Also, she has only one sibling, a brother named Kidney. Stomach is the husband of Lungs. Eye and Heart are married to one another. Pancreas is the maternal uncle of Kidney. How is Pancreas related to Lungs?**
(a) Wife's Brother (b) Mother's Brother
(c) Father (d) Brother

RRB NTPC 08.04.2021 (Shift-I) Stage Ist

Ans. (d) : The drawing blood relation diagram according to the question.

Therefore, there is brother relation with the pancreas and lungs.

276. **A ÷ B means − A is daughter of B**
A × B means − A is husband B
A + B means − A is Mother B
A − B means − A is brother B
If "U − V + M ÷ Y × Z", then what's the relation of Z to V.
(a) Sister of father's brother
(b) Sister of Mother
(c) Daughter
(d) Wife of mother's brother

RRB NTPC 26.07.2021 (Shift-II) Stage Ist

Ans. (a) : Given,

$E : V + M + N + Z$

It is clear from the diagram that Z is the wife of the brother of the father of V.

277. Read the following information and answer the question that follows.

(i) L, J, K, L, M and N are playing hockey.

(ii) L and M are sisters and N is the brother of M.

(iii) K is the only son of L's paternal uncle.

(iv) J and L are the sons of a brother of K's father.

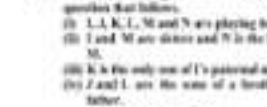
How is K related to M?

(a) Brother (b) Uncle

(c) Sister (d) Cousin

RRB NTPC 28.11.2020 (Shift-II) Stage Ist

Ans. (d) : On drawing blood relation diagram according to the question.



It is clear from above blood relation diagram that K is cousin of M.

278. If 'A+B' means 'A is daughter of B', 'A – B' means 'A is wife of B', 'A × B' means 'A is the son of B' then which is right from following about P + Q – S.

(a) Q is the father of P (b) P is a daughter of Q

(c) S is the wife Q (d) S is the father of P

RRB NTPC 04.01.2021 (Shift-I) Stage Ist

Ans. (d) : On drawing blood relation diagram according to the question.

Hence, it is clear that S is the father of P.

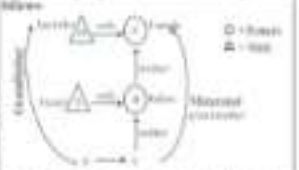
279. There is a group of six persons, A, B, C, D, E and F in a room. In the group, there are two married couples. B is Italian and is the mother of C. F is the grandmother of C. F is from Canada. D is the grandfather of E and D is from Australia. There is one Italian, one Canadian, one Australian, one French and two Irish people in the group. The French person is a male and married. Nobody who is a grandchild is married. What is the nationality of A and who is his wife?

(a) French, F (b) Italian, B

(c) Irish, F (d) French, D

RRB NTPC 07.01.2021 (Shift-II) Stage Ist

Ans. (d) : As per question, blood relation diagram is as follows.



Hence, it is clear from above diagram that the nationality of A is French and B is his wife.

280. 'A@B' means 'A is the brother B', 'A^B' means 'A is the daughter of B', 'A%B' means 'A is the son of B' and 'A%B' means 'A is the mother of B'. If P%S@R^Q%T, then how is Z related to Q?

(a) Brother's Wife (b) Husband's Sister

(c) Brother's Daughter (d) Sister's Husband

RRB NTPC 01.03.2021 (Shift-I) Stage Ist

Ans. (b) : According to the question

$P \% S @ R \wedge Q \% T$

$P \% S \rightarrow$ P is S's son

$S @ R \rightarrow$ S is R's brother

$R \wedge Q \rightarrow$ R is Q's daughter

$Q \% T \rightarrow$ Q is T's mother

$T \wedge Z \rightarrow$ T is Z's daughter

$Z \% Q \rightarrow$ Z is Q's son

Blood relation diagram is as follows.

Hence, Z is the sister of Q's husband.

281. Read the given information carefully and answer the question that follows.

There are six persons A, B, C, D, E and F, in a family. There is one teacher, one business person and one accountant. B and D are unmarried males and are not employed. None of the ladies are in business or accountancy. A is the only child in the family. C is the wife of E, and F is the brother of C.

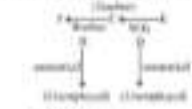
Who is the teacher?

(a) E (b) F

(c) C (d) D

RRB NTPC 14.01.2021 (Shift-II) Stage Ist

Ans. (a) : According to the question



Therefore C is mother in among them.

202. In the following relationship chart, A +B means A is the mother (or any other relationship) of B. Now using the chart, select the option that can replace the question mark (?) in it, if all the mentioned individuals, 1, 2, 3 and 4 are males.

(a) Grandfather (b) Son
(c) Father (d) Uncle

RRB NTPC (1.03.2021 (Shift-I) Stage 1st

Ans. (b) : According to the question,

Hence, it is clear from above diagram that 4 is the father of 3.

203. 'Ma + Na' means that Ma is the daughter of Na.

'Ma # Na' means Ma is the father of Na.

'Ma $ Na' means Ma is the mother of Na.

'Ma/Na' means Ma is the brother of Na.

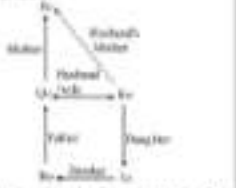
Based on the above, how is Pa related to Ka in the given expression?

Pa $ Qa # Ba / Ta + Ka

(a) Husband's mother (b) Son's wife
(c) Husband's sister (d) Father's sister

RRB NTPC 02.02.2021 (Shift-II) Stage 1st

Ans. (a) : According to the question, Blood relationship diagram is as follows



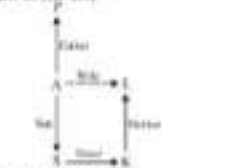
Hence, it is clear from the above diagram that Pa is Husband's mother of Ka.

Direction (204–206)

Study the following information and answer the questions given below.

P is the father of A whose son is A, L is K's mother. Who is the sister of S also ?

Answer figure for (204–206).



204. How is the A related to K?

(a) Father (b) Mother
(c) Father-in-law (d) Son

RRB NTPC 28.03.2016 Shift : 1

Ans. (a) Here A is the father of K.

205. How is A related to L?

(a) Brother (b) Husband
(c) Wife (d) Sister

RRB NTPC 28.03.2016 Shift : 1

Ans. (b) Here A is husband of L.

206. How is P related to L?

(a) Father (b) Son
(c) Father-in-law (d) Daughter-in-law

RPF SI 11.01.2019 Shift : 1

Ans. (a) Here P is the father-in-law of L.

207. X%Y means X is daughter of Y.

X@Y means X is wife of Y.

X#Y means X is brother of Y.

X&Y means X is the father of Y.

Based on the above information which of the following expression indicates that K is the father-in-law of H.

(a) H@P#M&N#K (b) H@P#N&P#K
(c) H@P#N&K#P (d) H@P#K&N#K

RRB Group D – 12/10/2018 (Shift-III)

Ans : (a) On drawing blood relation diagram according to the question.
From option (c) -
H@N%M&P

Hence, it clear that H's husband's father is K or K is father-in-law of H.

208. A + B means A is the mother of B.
A/B means A is the brother B.
A @ B means A is the sister of B.
A % B means A is the father of B.
Based on the above information. Which of the following means the maternal uncle?

(a) P + Q % N / M (b) Q / N + M @ P
(c) Q / N % P (d) P / M + N @ Q

RPF SI 12.01.2019 Shift : 1

Ans. (d) : From option (d)

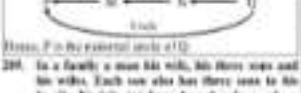
Hence, P is the maternal uncle of Q.

209. In a family a man his wife, his three sons and his wife. Each son also has three sons in his family. Find the total number of male members and female members in the whole family?

(a) 12 men and 4 female
(b) 10 men and 5 female
(c) 13 men and 4 female
(d) 13 male and 5 female

RRB Group-D – 16/11/2018 (Shift-III)

Ans. (a) On drawing blood relation diagram according to the question.



Hence, the number of males 13 and female 4.

210. Read the following information carefully and answer the question based on it.
(i) 'B + G' means B is the mother of G.
(ii) 'B ÷ G' means B is the daughter of G.
(iii) 'B – G' means B is the husband of G.
(iv) 'B × G' means B is the Aunt of G.
Which of the following option means that X, is the mother of Y?

(a) X × W ÷ Y (b) X × W × Y
(c) X + W – Y (d) X – W × Y

RRB NTPC 07.04.2016 Shift : 2

Ans. (c) From option (c).
X + W – Y

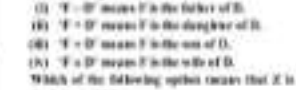
It is clear from above diagram that Y is mother of X.

211. Read the following information carefully and answer the question based on it.
(i) 'F + D' means F is the father of D.
(ii) 'F ÷ D' means F is the daughter of D.
(iii) 'F × D' means F is the son of D.
(iv) 'F ÷ D' means F is the wife of D.
Which of the following option means that Z is the father of Y?

(a) Y – E × Z (b) Y × E – Z
(c) Y + E – Z (d) Y – E + Z

RRB NTPC 05.04.2016 Shift : 2

Ans. (d) From option (d),
Y – E + Z



Hence, it clear from option (d) that Z is father of Y.

212. In a family a grandmother, father, mother and their four boys and their respective wives. A part from this each son also has a daughter and two sons.
Find out how many women are in the Joint Family.

(a) 22 (b) 18
(c) 8 (d) 10

RPF Constable 17.01.2019 Shift : 1

Ans. (d) According to the question.

Grandmother
Son
Father
Mother
Son
Son
Son

08.

Arithmetical Operations

Type - I

1. Select the correct combination of mathematical signs that can sequentially replace Y to balance the following equation.
32 Y 8 Y 16 Y 8 Y 8
(a) ÷, ×, ×, + (b) ×, ÷, ×, –
(c) ×, ×, ÷, + (d) ×, ×, ×, –

RRB Group-D 21-08-2022 (Shift-II)

Ans. (a) : Given,
32 Y 8 Y 16 Y 8 Y 8
On putting the signs from option (a),
⇒ 32 ÷ 8 × 16 × 8 × 8
⇒ 4 × 16 × 64
⇒ 64 × 64
Hence, option (a) is correct.

2. If Q means '×', J means '÷', T means '–' and K means '+', then 52 K 4 Q 6 J 12 T 8 = ?
(a) 45 (b) 65
(c) 68 (d) 77

RRB VTPC (Stage-II) – 13-06-2022 (Shift-I)

Ans. (d) : Given,
Q → ×, J → ÷, T → –, K → +
Then, 52 K 4 Q 6 J 12 T 8
= 52 + 4 × 6 ÷ 12 – 8
= 13 × 6 ÷ 12 – 8
= 13 × 72 – 8
= 65 – 8
= 57

3. If
P means 'multiplication',
Q means 'subtraction',
R means 'addition', and
S means 'division',
then 15 S 5 P 10 Q 4 R 2 = ?
(a) 28 (b) 29
(c) 27 (d) 26

RRB Group-D - 06/09/2022 (Shift-II)

Ans.(a) :Given,
P → ×, R → +
Q → –, S → ÷
Then, 15 S 5 P 10 Q 4 R 2
15 ÷ 5 × 10 – 4 + 2
3 × 10 – 4 + 2
30 – 2
= 28

4. If
A means 'addition',
B means 'multiplication',
C means 'subtraction' and
D means 'division',
Then 40 B 2 A 3 B 6 C 9 = ?
(a) 40 (b) 45
(c) 39 (d) 35

RRB Group-D- 09/09/2022 (Shift-II)

Ans.(c) : Given,
A → +, C → –
B → ×, D → ÷
Then, 40 B 2 A 3 B 6 C 9
⇒ 40 × 2 + 3 × 6 – 9
⇒ 80 + 18 – 9
⇒ 98 – 9
= 89

5. If 'A' means (×), 'B' means (+), 'C' means (–) and 'D' means (÷), then what will be the value of the following expression?
(8 D 17) B (8 A 3)
(a) 21 (b) 23
(c) 17 (d) 29

RRB Group-D - 01/09/2022 (Shift-I)

Ans. (a) : Given,
A → ×
B → +
C → –
D → ÷
Now from question,
(8 D 17) B (8 A 3)
⇒ (8 ÷ 17) + (8 × 3)
⇒ 8 + 24
= 21
Hence, option (a) is correct.

6. If P denotes '×', T denotes '–', M denotes '÷' and B denotes '+', what will come in place of the question mark (?) in the following equation?
54 B 9 P 11 T 13 M 17 = ?
(a) 79 (b) 78
(c) 59 (d) 72

RRB Group-D - 01/09/2022 (Shift-II)

Ans. (b) : Given,
P → ×, M → ÷
T → –, B → +
54 B 9 P 11 T 13 M 17
On putting the mathematical signs
⇒ 54 + 9 × 11 – 13 ÷ 17
⇒ 9 × 11 – 13 ÷ 17
⇒ 99 – 13 ÷ 17
= 78

7. If J denotes addition, G denotes subtraction, M denotes multiplication and B denotes division, then which of the following equations will not be correct?

(a) 6 M 5 B 8 G 10 = 22 (b) 46 G 10 B 2 M 5 = 26

(c) 6 B 2 M 5 G 10 J 8 = 26 (d) 5 M 2 B 6 G 10 J 8 = 22

RRB NTPC 04.02.2021 (Shift-1) Stage Ist

Ans. (b) : Given,

$J \to +$, $G \to -$

$M \to \times$, $B \to \div$

From option (a)

$6 \times 5 \div 8 - 2 - 10 = 22 \Rightarrow 6 \times 5 \div \frac{8}{2} - 10 = 22$

$30 - 10 = 22$

$22 = 22$ This is equal

From option (b)

$46 \div 10 \times 2 \times 5 = 26$

$4 \div 10 \times 2 \times 5 = 26$

$4 \div \frac{10}{2} \times 5 = 26$

$4 \div 5 \times 5 = 26$

$20 = 26$ This is not true

From option (c)

$6 \times 2 \div 5 - 10 + 8 = 26$

$\frac{6}{5} \times 2 \div 5 - 10 + 8 = 26$

$\frac{12}{5} \div 5 - 10 + 8 = 26$

$\frac{12}{5} \div 5 - 10 + 8 = 26$

$\frac{12}{5} \div 5 - 10 + 8 = 26$

$\frac{12}{5} \div 5 - 10 + 8 = 26$

$10 + 8 = 26$ This is not equal

So option (c) will not be correct.

8. If 'A' represents 'subtraction', 'B' represents 'Multiplication', 'C' represents 'division' and 'D' represents 'addition', then what is the value of (7 B 4 D 5 A 6) C 2?

(a) 1 (b) 11

(c) 9 (d) 10

RRB NTPC 04.01.2021 (Shift-II) Stage Ist

Ans. (b) : Given,

(7 B 4 D 5 A 6) C 2

[A → −, B → ×, C → ÷, D → +]

By changing the signs-

$(7 \times 4 + 5 - 6) \div 2 = ?$

$= (12 + 5 - 6) \div 2$

$= (17 - 6) \div 2$

$= 11 \div 2 = 11$

9. If 'P' means '×', 'Q' means '÷', 'R' means '+' and 'S' means '−', then find the value of the following expression.

$\frac{3}{5} \div 6\frac{1}{3}$ Q 7 P 7 R 5

(a) 8 (b) 30

(c) 10 (d) 40

RRB NTPC 09.01.2021 (Shift-I) Stage Ist

Ans. (a) : Given,

P → ×, Q → ÷, R → +, S → −

$\frac{3}{5} \div 6\frac{1}{3}$ Q 7 P 7 R 5 = $\frac{3}{5} \div \frac{19}{3} \div 7 \times 7 + 5$

$= \frac{3}{5} \div 7 \times 10 + 5$

10. If Q means addition, J means multiplication, T means Subtraction and K means division, then find the value

10 K 6 J 7 Q 15 T 2

(a) 30 (b) 34

(c) 26 (d) 24

RRB NTPC 05.04.2021 (Shift-II) Stage Ist

Ans. (d) : Given,

10 K 6 J 7 Q 15 T 2

[Q → +, J → ×, T → −, K → ÷]

According to the question, on changing signs-

$10 \div 6 \times 7 + 15 - 2$

$= 70 \div 6 = 24$

11. If 'A' means '×', 'B' means '−', 'M' means '÷', 'D' means '+', 'R' means '×' and 'T' means '÷', then solve the following expression:

R 7 M 6 A 3 D 9 R 2 T 3 D 5 M 3 R 2

(a) 39 (b) 7

(c) 9 (d) 90

RRB NTPC 28.12.2020 (Shift-II) Stage Ist

Ans. (c) : Given that,

R 7 M 6 A 3 D 9 R 2 T 3 D 5 M 3 R 2

According to the question, on changing letters into mathematical symbol, we have

$= (7 \times 6) \div (3 \times 9) \times (9 \div 3) \div (5 \div 3) \times 2$

$= 7 \div 3 \times 3 \times 9 = 9$

12. If G stands for 'add', B stands for 'multiply', J stands for 'subtract' and K stands for 'divided' then find the value of

125 J 110 K 5 G 7 B 2

(a) 117 (b) 131

(c) 99 (d) 124

RRB NTPC 18.01.2021 (Shift-II) Stage Ist

Ans. (a) : Given,

G → +

B → ×

J → −

K → ÷

125 J 110 K 5 G 7 B 2 = ?

On changing letters by mathematical symbol,

$125 - 110 \div 5 + 7 \times 2 = ?$

$= 125 - 22 + 14$

$= 117$

13. If 'A' means '×', 'B' means '÷', 'C' means '+' and 'D' means '−', then find the value of the following expression.

24 D 8 A 12 C 4 B 6

(a) 40 (b) 37

(c) 33 (d) 109

RRB NTPC 03.04.2021 (Shift-II) Stage Ist

Ans. (a) : From question,

24 D 8 A 12 C 4 B 6

On putting the mathematical sign,

$= 24 - 8 \times 12 + 4 \div 6$

$= 3 - 48 + 0 = 40$

14. If 'A' stands for '−' 'B' stands for '÷' and 'C' stands for '×', then what will be the value of 9 C 8 B 6 A C 3 2?

(a) −6 (b) −3

(c) −8 (d) −9

RRB NTPC 29.01.2021 (Shift-II) Stage Ist

Ans. (b) : According to the question,

8CH3HA3C12

$= 8 \times 3 \div 18 - 3 + 12$

$= 48 \div 18 - 48$

$= 33 - 48$

$= -5$

15. **If T means subtract, K means divide, J means multiply, and Q means add, then**
18 K 3 Q 4 J 2 T 5 = ?

(a) 9 (b) 14

(c) 15 (d) 3

IBPS NTPC 09.02.2021 (Shift-II) Stage 1st

Ans. (c) : Given,

T = -

K = ÷

J = ×

Q = +

18 K 3 Q 4 J 2 T 5

On putting the mathematical sign,

$= 18 \div 3 + 4 \times 2 - 5$

$= 6 + 4 \times 2 - 5$

$= 6 + 8 - 5$

$= 9$

16. **If L means +, M means –, N means ×, and P means ÷ then the value of 20N9L50P5M4?**

(a) 170 (b) 180

(c) 150 (d) 140

IBPS Group-D – 29/10/2018 (Shift-II)

Ans. (b) : 20N9L50P5M4 = ?

On putting the mathematical sign,

$= 20 \times 9 + 50 \div 5 - 4$

$= 20 \times 9 + 10 - 4$

$= 180 + 6 = 186$

17. **If L means +, M means –, N means ×, P means ÷ then the value of 29ML21P3M6 ?**

(a) 13 (b) 9

(c) 8 (d) 10

IBPS Percom dated 23.07.2019 (Shift – III)

Ans. (b) : Given,

29ML21P3M6 = ?

On putting the mathematical sign,

$= 2 \times 9 - 21 \div 3 - 6$

$= 2 \times 9 \div 7 - 6$

$= 6 \div 7 - 6$

$= 0$

18. **If '@' means '+', '#' means '×', '$' means '–' and '%' means '÷' then the value of 18K3Q5J2$8 ?**

(a) 38 (b) 35

(c) 34 (d) 32

IBPS Group-D – 17/09/2018 (Shift-II)

Ans. (d) : Given,

18K3Q5J2$8

On putting the mathematical sign,

$= 18 \div 3 + 5 \times 2 - 8$

$= 6 + 10 - 8$

$= 16 - 8$

$= 12$

19. **If Q means +, J means ×, T means – and K means ÷ then the value of 42KJQ8J4T2 ?**

(a) 39 (b) 48

(c) 35 (d) 37

IBPS Group-D – 31/10/2018 (Shift-III)

Ans. (b) : Given,

42KJQ8J4T2 = ?

On putting the mathematical sign,

$= 42 \div 8 \times 4 + 2$

$= 14 \times 8 \times 4 - 2$

$= 14 \times 16 - 2$

$= 56 - 2 = 46$

20. **If P means ÷, H means ×, T means + and S means – then the value of 35TSP6H8?**

(a) 49 (b) 32

(c) 41 (d) 23

IBPS Group-D – 21/10/2018 (Shift-II)

Ans. (d) : Given expression is,

35 T S P 6 H 8 = ?

On putting the mathematical sign,

$= 35 + 5 \div 6 \times 8 = ?$

$= 42 \div 6 \times 8$

21. **If P means ÷, Q means ×, R means + and S means – then the value of 16Q16P4R7S10 ?**

(a) 52 (b) 48

(c) 55 (d) 59

IBPS Group-D – 24/10/2018 (Shift-I)

Ans. (a) : Given,

16 Q 16 P 4 R 7 S 10 = ?

On putting the mathematical sign,

$= 16 \times 16 \div 4 + 7 - 10$

$= 64 \div 4 + 7 - 10$

$= 16 + 7 - 10$

$= 23 - 10 = 53$

22. **If A means '+', M means '×', D means '÷' and S means '–', then 30 D 2 A 3 M 6 S 5 ?**

(a) 39 (b) 29

(c) 29 (d) 58

IBPS Group-D – 28/11/2018 (Shift-I)

Ans. (d) : Given,

30 D 2 A 3 M 6 S 5 = ?

On putting the mathematical sign,

$= 30 \div 2 + 3 \times 6 - 5$

$= 15 + 3 \times 6 - 5$

$= 15 + 18 - 5 = 28$

23. **If '+' represents A, '–' represents K, '×' represents E, '÷' represents S, '%' represents R, '=' represents V and '≠' represents B then which of the following option is true ?**

(a) 10 E 2 % 6 A 4 E 8 K 12

(b) 10 E 2 R 6 A 4 E 8 A 12

(c) 10 R 2 % 6 A 4 E 8 A 12

(d) 15 V 3 A 6 R 6 K 4 B 12

IBPS Group-D – 16/11/2018 (Shift-III)

Ans. (b) : Given,

$\div \Rightarrow R$, $+ \Rightarrow S$

$- \Rightarrow E$, $\times \Rightarrow R$

$= \Rightarrow E$, $\neq \Rightarrow V$

$+ \Rightarrow B$

From option (b),

$\Rightarrow 16 \div 2 \times 6 + 8 \times 4 - 6 \times 3$

$\Rightarrow 16 \div 2 - 6 \div 8 \times 4 = 12$

$\Rightarrow 8 - 6 \div 8 \times 4 = 12$

$\Rightarrow 12 = 12$

LHS = RHS

26. If A means '-', C means '+', B means '×' and E means '÷' then the value of 6C 7BE 3A 4E 8 = ?

(a) 4 (b) 6

(c) 8 (d) 10

RRB NTPC 27.04.2016 Shift : 2

Ans. (a) Given expression is,

$6C\ 7BE\ 3A\ 4E\ 8 = ?$

On putting the mathematical sign,

$\Rightarrow 6 + 7 \times 3 - 4 \div 8$

$\Rightarrow 6 + 21 - 4 \div 8$

$\Rightarrow 6 + 21 - 2$

$\Rightarrow 27 - 2 = 8$

25. If E means '+', F means '÷' G means '×' and H means '-' then the value of 81 H 1 G 17 F 102 G 6 F 3 E 8 =?

(a) 68 (b) 26

(c) 40 (d) 29

RRB NTPC 25.04.2016 Shift : 1

Ans. (a) Given,

E → + F → ÷

G → × H → −

81 HG 17F 102GF 3E 8 = ? (original form)

$\Rightarrow 81 - 1 \times 17 \div 102 \times 6 \div 3 + 8$ (The position after the symbol changed)

$\Rightarrow 81 - \frac{1}{17} \times 102 \times 6 \div 3 + 8$

$\Rightarrow 81 - \frac{6}{3} \times 24 + 8$

$\Rightarrow 81 - 34 + 8 = 40$

26. If the mathematical operation '-', '÷', '×' and '+' replaced by G, F, E and S respectively given then the value of 48 S 8 F 7 E 2 G 21?

(a) 9 (b) −1

(c) 29 (d) −21

RRB NTPC 19.01.2017 Shift : 2

Ans. (b) Given expression is,

48 S 8 F 7 E 2 G 21

On putting the mathematical sign,

$48 + 8 \div 7 \times 2 - 21$

$8 \div 14 \times 21 = 28 - 21 = -1$

27. If 'A' represents addition, 'B' subtraction, 'C' multiplication and 'D' division, then which of the following statements is true?

(a) 9 C 8 A 6 D 8 B 8 = 57

(b) 56 C 4 D 8 B 7 A 8 = 10

(c) 32 D 8 C 9 = 100 B 12 C 12

(d) 16 C 32 A 40 D 5 B 9 = 200

RRB NTPC 19.01.2017 Shift : 1

Ans. (a) Given that,

A → +, B → −, C → ×, D → ÷

From option (a)

9 C 8 A 6 D 8 B 8 = 57

$8 \times 8 + 6 \div 8 - 8$

$64 + 1 - 8 = 57$

$57 = 57$ (LHS = RHS)

28. If '0' means 'subtract', '1' means divide '8' means add and '9' means multiply then the 15 Q 3 R 26 P 12 9 2 value of?

(a) 7 (b) 3

(c) 29 (d) 9

RRB NTPC 19.01.2017 Shift : 1

Ans. (b) Given,

P → ÷, Q → ×, R → ÷, S → ×

15Q3R26P129 2

$\Rightarrow 15 \times 3 \div 26 \div 12 \times 9 \times 2 = 5 \times 26 \div 26 = 5$

29. If P means '×', R means '÷', Q means '×' and S means '−' then In P S Q 7 R S 16 = ?

(a) 47 (b) 53

(c) 51 (d) 62

RRB Paramedical 20.07.2019 Shift : 1

Ans. (b) Given,

P → ×, R → ÷, Q → × and S → −

$\Rightarrow$ NPSQ7RS16 = $24 \times 6 \div 7 \times 8 - 16$

$= \frac{24}{6} \times 56 \div 7 \times 8 - 16 = 32$

30. If J means '+', K means '÷', L means '×' And M means '-' then 18 K 9 L 3 M 5 the value of?

(a) 1 (b) −1

(c) 3 (d) −3

RRB NTPC 09.04.2016 Shift : 1

Ans. (b) Given,

18K9L3M5

On putting the mathematical sign,

$18 \div 9 \times 3 - 5 \Rightarrow 18 \div \frac{9}{3} \times 3 - 5 \Rightarrow 18 \div 3 \times 3 - 5 \Rightarrow -1$

31. Consider the following information. P means multiplied, T means subtracted, M means added and R means divided, then the value of- 28 R 7 P 8 T 6 M 4 = ?

(a) 39 (b) 32

(c) 34 (d) None of the above

RRB NTPC 11.04.2016 Shift : 1

Ans. (a) Given,

P → ×, T → −, M → +, R → ÷

According to the question,

$\Rightarrow 28 \div 7 \times 8 - 6 + 4$

$\Rightarrow 4 \times 8 - 2$

$\Rightarrow 32 - 2 = 30$

32. If P represents '×', Q represents '÷', R represents '+' and S represents '−' then which of the following statement is true?

(a) 11 Q 24 P 17 R 5 S 7 = 30 3

(b) 32 S 8 P 16 R 4 = − 32

(c) 9 S 9 P 9 R 9 Q 9 = − 27

(d) 8 Q 16 R 26 P 13 S 7 = 17 13 1

RRB NTPC 12.04.2016 Shift : 2

Ans.(c) : Given,

P = ÷, Q = ×, R = −, S = +

From option (c),

9 6 S P Q R 3 Q 5 = ... ?

On changing the symbols,

9 ÷ 9 × 6 − 9 + 9 = ...?

9 ÷ 1 × 6 = ...?

= 54 = 54

LHS = RHS

33. If L means 'add' M means 'subtract' N means 'divide' and P means 'multiply' then the value of 10 P 2 L 5 M 3?

(a) 25 (b) 35

(c) 30 (d) 20

RRB Cuttack: 17.01.2019 Shift : 1

Ans.(d) : Given,

L = +, M = −, N = ÷, P = ×

10 P 2 L 5 M 3

On changing the value of letters according to the question

10 × 2 + 5 − 3

= 20 + 5 − 3 = 20

34. If 'M' means '+', 'N' means '−', 'V' means '×' and 'Z' means '÷' then,

26 Z 7 M 8 N 6 V 4 = ?

(a) 34 (b) 30.5

(c) 32 (d) 36

RRB NTPC 16.04.2016 Shift : 1

Ans.(a) : Given,

26 Z 7 M 8 N 6 V 4 = ?

On changing the symbols,

= 26 ÷ 7 + 8 − 6 × 4

= 4 + 8 − 2

= 12 − 2 = 10

35. If 'where' Means '×', 'the' means '÷', 'will' means '+' and 'come' means '−', then what will be the value of 'If when 12 will 16 the 2 come 10'?

(a) 94 (b) 96

(c) 100 (d) 10

RRB NTPC 16.04.2016 Shift : 1

Ans.(a) : Given original term

If when 12 will 16 the 2 come 10

On changing the term with signs

= 8 × 12 + 16 ÷ 2 − 10

= 96 + 8 − 10 = 94

36. If Q means '×', J means '÷', T means '−' and K means '+' then the value of 30 K 20 Q 3 J 6 T 5 ?

(a) 8 (b) 32

(c) 18 (d) 26

RRB NTPC 16.04.2016 Shift : 1

Ans.(d) : Given,

30 K 20 Q 3 J 6 T 5 = ?

On changing the symbols,

= 30 + 20 × 3 ÷ 6 − 5

= 50 + 10 ÷ 6 − 5

= 26

37. If 'L' means '×', 'M' means '÷', 'N' means '+', 'P' means '−' then the value of 44 M 44 N 44 P 13 L 4 ?

(a) 33 (b) 82

(c) 72 (d) 92

RRB NTPC 16.04.2016 Shift : 1

Ans.(d) : Given,

44 M 44 N 44 P 13 L 4 = ?

On changing the symbols,

= 44 ÷ 44 + 44 − 13 × 4

= 44 ÷ 44 + 4 × 4

= 44 ÷ 44 + 16

= 1 + 16 = 92

38. If '@' represents '+', 'Q' represents '−', 'R' represents '×' and '%' represents '÷' then value of 10 Q 5 R 27 % 9 @ 10 ?

(a) 10 (b) 15

(c) 5 (d) 1

RRB NTPC 16.04.2016 Shift : 1

Ans.(d) : Given

10 Q 5 R 27 % 9 @ 10 = ?

On changing the symbols,

= 10 − 5 × 27 ÷ 9 + 10

= 10 − 5 × 3 + 10

= 10 − 15 + 10 = 5

39. If '@' means 'Division' '%' means 'addition' 'M' means 'subtraction' and 'D' means 'multiplication' then the value of

12 M 12 D 20 @ 7 % 15 ?

(a) −21 (b) 15

(c) 39 (d) −31

RRB NTPC 16.04.2016 Shift : 1

Ans.(a) : Given,

P = ÷ T = ×

M = + Q = −

12M 12D 20P 7T 15 = 12 − 12 × 20 ÷ 7 + 15

= 12 − 12 × 6 + 15

= 27 − 66 = −21

40. If P means '÷', R means '×', Q means '+' And S means '−' then 40 P 8 Q 6 R 4 S 3 = ?

(a) 69 (b) 29

(c) 31 (d) 94

RRB NTPC 16.04.2016 Shift : 1

Ans.(b) : Given,

40 P 8 Q 6 R 4 S 3 = ?

On changing the symbols,

= 40 ÷ 8 + 6 × 4 − 3

= 5 + 24 − 3 = 29

41. If '@' means '+', 'K' means '×', 'Q' means '÷' and '%' means '−' then what is the value of 26 @ 74 K 4 % 5 Q 2?

(a) 230 (b) 470

(c) 370 (d) 460

RPF SI 13.01.2019 Shift : 1

Ans.(b) : Given,

26 @ 74 K 4 % 5 Q 2

On changing the symbols,

= 26 + 74 × 4 − 5 ÷ 2

$= 26 + \frac{74}{4} \times 4 - 5 \div 2$

= 26 + 18 × 4 − 5 ÷ 2

= 460 − 5 ÷ 2

= 460 − 5 = 470

42. If P means '/', Q means '+', R means '-' and S means '×', then the value of
10 R 192 P 48 S 48 P 96 Q 1?

(a) 19 (b) 9
(c) 8 (d) 7

RRB NTPC 29.01.2016 Shift : 1B

Ans. (b) Given expression is,

$$10R192P48S48P96Q1 = ?$$

On changing the symbols,

$$= 10 - 192 \times 48 / 48 + 96 \div 1$$
$$= 10 - 4 \times 48 + 96 \div 1$$
$$= 10 - \frac{2}{3} \times 1 = 9$$

43. If a=×, b=÷ and c=+, then the value of 7a6c6b6?

(a) 33 (b) $39\frac{1}{6}$

(c) $33\frac{1}{2}$ (d) $39\frac{2}{3}$

RRB NTPC 29.01.2016 Shift : 3

Ans. (b) Given,

$$a = \times,\ b = \div \text{ and } c = +$$

On putting the mathematical sign,

$$7a6c6 = 7 \times 6 + 1 \div 6$$
$$= 39 + \frac{1}{6} = 39\frac{2}{6}$$

44. If A means '/', B means '×', R means '+' and S means '-', then the value of
7 B 25 S 19 R 5 B 3 R 9 A 1 ?

(a) 14 (b) 9
(c) 8 (d) 1

RRB NTPC 30.01.2016 Shift : 1

Ans. (d) Given expression is,

$$7BS25S19R5B3R9A1 = ?$$

On changing the symbols,

$$= 7 \times 25 - 19 \div 5 \times 3 + 9 \div 1$$
$$= 14 - 17 \div 5 \times 9 \div 1$$
$$= 14 - 9 \div 1$$
$$= 5$$

45. If S means '/', L means '×', U means '+' and K means '-', then the value of 21 S 1 U 7 L 15 U 6 L 14 K 55 ?

(a) -90 (b) 26
(c) -29 (d) 29

RRB NTPC 31.01.2016 Shift : 1

Ans. (a) Given,

$$21S1U7L15U6L14K55 = ?$$

On changing the symbols,

$$= 21 \div 1 + 7 \times 15 + 6 \times 14 - 55$$
$$= 21 \times \frac{1}{7} + 15 \times \frac{1}{6} = 14 - 55$$
$$= 21 + 1 - 55$$
$$= -28$$

46. If W means '+' B means '×' H means '-' and E means '/' then the value of
2 W 4 B 3 D 7 H 4 U 9 H 6 D 6 B 9 ?

(a) 8/15 (b) 27/35
(c) 29/35 (d) 43/35

Ans. (c) Given expression is,

$$2W4B3D7H4U9H6D6B9 = ?$$

On changing the symbols,

$$= 2 + 4 \times 3 \div 7 - 4 \div 9 - 6 \div 6 \times 9$$
$$= 2 + \frac{4}{1} \times \frac{3}{7} - \frac{4}{9} \times \frac{6}{6} \times 9$$
$$= 2 + \frac{4}{1} \times \frac{3}{7} - \frac{4}{9} \times \frac{6}{6} \times 9$$
$$= 2 + \frac{12}{7} - \frac{36 \times 35 - 27}{35} = \frac{29}{35}$$

47. If P means '+', A means '×', W means '/' and V means '-' then the value of
1 P 3 A 15 V 3 B 9 W 3 A 19 ?

(a) 59 (b) -58
(c) 27 (d) -42

RRB NTPC 04.04.2016 Shift : 1

Ans. (c) Given,

$$1P3A15V3B9W3A19$$

On substituting the symbols,

$$= 1 + 3 \times 15 - 3 \div 9 \times 3 \div 19$$
$$= 39 \div 15 - 12 \div 19$$
$$= 39 \div 1 \cdot 19 = 27$$

48. If mathematical operator 'B' means ×, 'C' means ÷, 'E' means + and 'H' means – then the value of 4 C 9 B 7 E 3 H 23 ?

(a) 4 (b) 2
(c) -2 (d) -4

RRB NTPC 05.04.2016 Shift : 2

Ans. (b) Given,

$$4C9B7E3H23$$

On making changes according to the given rule,

$$= 4 \div 9 \times 7 + 3 - 23$$
$$= 4 \div 9 \times \frac{7}{3} - 23$$
$$= 4 \div 21 - 23 = 2$$

49. If 'A' letter, 'addition' 'B' letter, 'subtraction' 'C' letter, 'Division' and 'D' letter, 'multiplication' then the value of
(7 D 3) B 6 A 5 (20 C 20) ?

(a) 0 (b) 10
(c) 22 (d) 29

RRB NTPC 17.01.2017 Shift-1

Ans. (d) Given,

$$A \to +,\ B \to -,\ C \to \div,\ D \to \times$$

$$(7D3)B6A5(20C20) = (7 \times 3) - 6 + 5(20 \div 20)$$
$$= 21 - 6 + 5$$
$$= 21 - 6 + 5$$
$$= 20 - 6 = 20$$

50. If A indicates +, B indicates ÷, C indicates ×, and D indicates – then which of the following statement is true?

(a) $13B5A17D6A5 = \frac{38}{3}$

(b) $6B10D20A13C7 = \frac{175}{13}$

(c) $35C8A8D4 = -\frac{3}{4}$

(d) $9C5A3D1B9 = -71$

RRB NTPC 17.01.2017 Shift-1

Ans. (d) : Given,

A → ÷, B → ×, C → +, D → −

From option (d), 'A', '%', 'D' (%) ÷ − (−7)

On changing the symbols

= 8 × 9 ÷ 6 − 8 × 9 ÷ − 7)

= 9 × 3 − 8 × 9 ÷ − 7)

= 36 − 81 ÷ − 7)

− 7) = − 7) (−81 ÷ −81)

51. If 1 stands for ÷, M stands for −, N stands for × and P stand for +, then 8 N 9 L 60 P 3 M 13 = ?

(a) 79 (b) 160

(c) 89 (d) 99

RRB ALP & Tec (17-08-18 Shift-II)

Ans. (a) : Given expression is,

8 N 9 L 60 P 3 M 13 = ?

On changing the symbols

= 8 × 9 ÷ 60 + 3 − 13

= 8 × 9 + 20 − 13

= 72 + 20 − 13

= 92 − 13

= 79

52. If 'A' means '×', 'B' means '÷', 'C' means '+' and 'D' means '−' then the value of (32 D 1 C 6) A (2 C 2 D 2) A (5 D 3 C 5) B (4 C 4 D 4)?

(a) 5 (b) 10

(c) 2 (d) 6

RRB JE - 30/09/2019 (Shift-III)

Ans. (c) : Given,

A → ×, B → ÷, C → +, D → −

(32 D 1 C 2) A (2 C 2 D 2) A (5 D 3 C 5) B (4 C 4 D 4)

On substituting the letter with a symbol

(32 − 1 + 2) × (2 + 2 − 2) × (5 − 3 + 5) ÷ (4 + 4 − 4)

= 33 × 2 × 7 ÷ 4 = 21

53. If 'A' means '×', 'B' means '÷', 'C' means '+', and 'D' means '−' then 99 D 9 C 11 B 21 D 21 = ?

(a) 120 (b) 100

(c) 88 (d) 90

RRB Controller 17.01.2019 Shift - I

Ans. (a) : Given,

99 D 9 C 11 B 21 D 21 = ?

On changing the symbols

= 99 × 9 + 11 ÷ 21 − 21

= 11 × 11 − 1

= 121 − 1

= 120

54. If 'A' means '×', 'B' means '÷', 'C' means '+' and 'D' means '−' then 81 D 9 C 5 D 15 A 8 B 11 = ?

(a) 9 (b) 0.15

(c) 15 (d) 23

RRB JE - 28/05/2019 (Shift-II)

Ans. (a) : Given,

A → × B → ÷

C → + D → −

81 D 9 C 5 D 15 A 8 B 11

According to the question, on converting letter into mathematical symbols,

From BODMAS rule

⇒ 81 × 9 + 5 − 15 × 8 ÷ 11

⇒ 81 × $\frac{1}{9}$ + $\frac{5}{15}$ × 8 ÷ 11

⇒ 9 + $\frac{1}{3}$ × 8 ÷ 11

⇒ 9 + $\frac{8}{33}$

⇒ 9

55. If '%' represents '×', '@' represents '÷', '&' represents '+' and '#' represents '−' then 48 @ 12 & 10 % 8 # 4 = ?

(a) 24 (b) 26

(c) 32 (d) 48

RPF SI 12.01.2019 Shift - II

Ans. (b) : Given,

48 @ 12 & 10 % 8 # 4 = ?

On placing the symbol in the place of the letter according to the question

= $\frac{48}{12}$ + 10 × 8 − 4

= 4 + 10 × 8 − 4

= 4 + 80 − 4

= 80

56. If 'M' means '×', 'B' means '÷', 'P' means '+', and 'K' means '−' then 20 B 16 K 5 M 10 P 8 = ?

(a) 22 (b) 36

(c) 20 (d) 12

RRB JE - 02/06/2019 (Shift-I)

Ans. (c) : Given,

20 B 16 K 5 M 10 P 8 = ?

On changing the symbols,

= 20 ÷ 16 − 5 × 10 + 8

= 20 ÷ 16 + $\frac{5}{10}$ + 8

= 20 ÷ 8 + 8

= 20

57. If p × q implies p − q, p − q implies p ÷ q, p ÷ q implies p + q and p + q implies p × q, then find the value of 5 × 6 − 72 ÷ 12 + 30

(a) 2 (b) −1

(c) 0 (d) 19

RRB NTPC 08.01.2021 (Shift-I) Stage-Ist

Ans. (a) : Given,

5 × 6 − 72 ÷ 12 + 30

As per question, on changing signs—

= 5 − 6 + 72 ÷ 12 × 30

= 5 − 6 + 5 × 30

= 5 − 30 × 30

= 5

Type - 2

58. If '×' means '+', '/' means '−', '+' means '/' and '−' means '×', what will be the following expression?

[(16 × 6) − (2 × 5)] × (4 − 6)] × 2

(a) 9 (b) 4

(c) 8 (d) 2

RRB Group-D 15-09-2022 (Shift-II)

Ans. (a) : Given,

$$[(18 \div 9) - (2 \times 3)] \times (6 - 4)] \times 2$$

$+ \to \times$ $\quad$ $\times \to -$

$- \to +$ $\quad$ $\div \to \times$

According to the question, on changing the signs,

$\Rightarrow [(18 \times 9) + (2 \div 3)] \times (6 \times 4)] \div 2$

$\Rightarrow [(18 \times 6) \times 8] \div 2$

$\Rightarrow \left[18 \times \frac{3}{6}\right] \times 2 \div 8$

39. If '+' means '×', '−' means '÷', '×' means '+', '÷' means '−', What will come in place of the question mark (?) in the following equation?

3 × 8 + 2 × 1 − 9 = ?

(a) 7 (b) 8

(c) 6 (d) 3

RRB Group-D 27-09-2022 (Shift-III)

Ans. (b) : Given that -

$3 \times 8 + 2 \times 1 - 9 = ?$

$+ \to \times$ $\quad$ $\times \to +$

$- \to \div$ $\quad$ $\div \to -$

According to the question, on changing the mathematical symbols

$3 \div 8 - 2 \times 1 \times 9 + 3 - 4 \times 1 = ?$

$\Rightarrow 3 \div 8 - 18 = ?$

$\Rightarrow 3 \div 8 = 6$

40. If '+' means '−', '−' means '×', '×' means '÷' and '÷' means '+', what will come in place of the question mark (?) in the following equation?

100 + 136 × 17 − 12 ÷ 6 = ?

(a) 4 (b) 14

(c) 9 (d) 10

RRB Group-D 30-08-2022 (Shift-I)

Ans. (d) : Given,

$+ \to -$

$- \to \times$

$\times \to \div$

$\div \to +$

$100 + 136 \times 17 - 12 \div 6$

On changing the symbols :

$100 - 136 \div 17 \times 12 + 6$

$100 - 8 \times 12 + 6$

$100 - 96 + 6$

10

41. If '+' means '−', '−' means '×', '×' means '÷' and '÷' means '+', What will come in place of the question mark (?) in the following equation?

48 × 120 + 6 − 2 × 10 × 2 = ?

(a) 94 (b) 85

(c) 87 (d) 96

RRB Group-D 14-09-2022 (Shift-I)

Ans. (b) : Given,

$+ \to -$

$- \to +$

$\times \to \div$

$\div \to \times$

$48 \times 120 + 6 - 2 \div 10 \times 2$

On changing the signs,

$48 \div 120 - 6 + 2 \times 10 \div 2$

$48 \div 20 \times 2 \times 5$

$48 \div 40 \times 5$

$92 \times 5 = 85$

42. If '+' means '×', '−' means '÷', '×' means '+', '÷' means '−', what will come in place of the question mark (?) in the following question?

85 × 3 + 14 × 7 ÷ 6 + 6 − 8 = ?

(a) 45 (b) 37

(c) 39 (d) 35

RRB Group-D 28-09-2022 (Shift-II)

Ans. (b) : Given,

$+ \to \times$

$- \to \div$

$\times \to +$

$\div \to -$

$85 \times 3 + 14 \times 7 \div 6 + 6 - 8$

According to the question, on changing the signs,

$85 \div 3 \times 14 \times 7 + 6 \times 6 \times 8$

$85 \div 3 \times 14 \times 7 + 3 \times 8$

$85 \div 42 \times 7 \times 8$

86×49

37

43. If '+' means '×', '−' means '÷', '×' means '+', '÷' means '−', and '÷' means '×', what will come in place of the question mark (?) in the following equation?

4 × 5 + 2 × 16 − 1 = ?

(a) 10 (b) 12

(c) 9 (d) 3

RRB Group-D 28-09-2022 (Shift-III)

Ans. (d) : The given equation is -

$4 \times 5 + 2 \div 16 - 1 = ?$

$+ \to \times$ $\quad$ $\times \to +$

$- \to \div$ $\quad$ $\div \to -$

According to the question, on changing the signs

$4 + 5 \times 2 \div 16 + 1 = ?$

$4 + 5 \times 2 \div 16 = ?$

$4 + 10 \div 16 = ?$

$20 \div 16 = ?$

$\boxed{? = 3}$

44. If '+' means '−', '−' means '×', '×' means '÷', '÷' means '+', '+' means '−', what will come in place of the question mark (?) in the following equation?

25 × 8 + 7 − 10 × 2 = ?

(a) 39 (b) 19

(c) 41 (d) 40

RRB Group-D 28-09-2022 (Shift-III)

Ans. (d) : The given equation is-

$25 \times 8 + 7 - 10 \times 2 = ?$

$+ \to -$

$- \to +$

$\times \to \div$

$\div \to \times$

$+ \to -$

According to the question, on changing the signs,

$$28 \div 9 \times 7 + 10 - 2 = ?$$
$$9 \times 7 + 5 = ?$$
$$5 + 35 = ?$$
$$? = 40$$

65. If '×' means '÷', '÷' means '−', '−' means '+', and '+' means '×', what will come in place of the question mark (?) in the following equation?

$15 + 3 - 8 \times 7 \div 4 = ?$

(a) 12 (b) 8

(c) 10 (d) 30

RRB Group-D 26-09-2022 (Shift-I)

Ans. (b) : The given equation is–

$$15 + 3 - 8 \times 7 \div 4 = ?$$
$$? = \div \times$$
$$? = \div \times$$
$$? = \div \times$$
$$? = \div \times$$

According to the question, on interchanging the signs

$$15 + 3 - 8 \div 7 \times 4 = ?$$
$$15 + \frac{3}{8} \times 7 \times 4 = ?$$
$$8 \times 7 \times 4 = ?$$
$$? = 8$$

66. What will come in the place of the question mark (?) in the following equation, if '×' is replaced with '−' and '−' is replaced with '×'?

$14 \times 2 - 5 \div 56 - 8 = ?$

(a) 48 (b) 26

(c) 44 (d) 42

RRB Group-D 18-09-2022 (Shift-I)

Ans. (d) : Given,

$$14 \times 2 - 5 \div 56 - 8 = ?$$
$$14 \quad ? = \times \div$$
$$14 \quad ? = \times \div$$

On changing the signs

$$= 14 - 2 \times 5 \div 56 \times 8$$
$$= 7 \times 5 \div 7$$
$$= 42$$

67. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×', what will come in place of the question mark (?) in the following equation?

$15 \times 6 \div 12 + 6 - 5 = ?$

(a) 9 (b) 12

(c) 2 (d) 5

RRB Group-D 26-09-2022 (Shift-II)

Ans. (a) : The given equation is–

$$15 \times 6 \div 12 + 6 - 5 = ?$$
$$? = \div \times$$
$$? = \div \times$$
$$? = \div \times$$
$$? = \div \times$$

According to the question, on changing the signs,

$$= 15 \div 6 \times 12 - 6 + 5$$
$$= 15 \div 6 \times \frac{12}{6} + 5$$
$$= 15 \div 6 \times 2 + 5$$
$$= 15 \div 10 + 5$$
$$= 20 - 10$$
$$= 2$$

68. If '×' means '÷', '÷' means '+', '+' means '−', '−' means '×', what will come in place of the question mark (?) in the following equation?

$78 \div 3 - 2 \times 6 + 4 = ?$

(a) 90 (b) 45

(c) 65 (d) 72

RRB Group-D 26-09-2022 (Shift-II)

Ans. (c) : The given equation is–

$$78 \div 3 - 2 \times 6 + 4$$
$$? = \times \div$$
$$? = \times \div$$
$$? = \times \div$$
$$? = \times \div$$

On changing the signs

$$= 78 \times \frac{3}{2} \div 6 - 4$$
$$= 78 \times 6 - 4$$
$$= 467 - 4 = 63$$

69. If '×' means '÷', '÷' means '+', '+' means '−', and '−' means '×', then what will be the value of the given expression?

$93 - 91 \times 7 \div 8 \times 3$

(a) 89 (b) 194

(c) 190 (d) 291

RRB Group-D 28-09-2022 (Shift-I)

Ans. (b) : Given expression

$$93 - 91 \times 7 \div 8 \times 3$$
$$? = \times \div$$
$$? = \times \div$$
$$? = \times \div$$
$$? = \times \div$$

According to the question, on changing the mathematical symbols

$$93 + 91 \div 7 \times 8 \div 3 = 93 + 13 \times 8 \div 3$$
$$= 93 + 104 \div 3$$
$$= 197 \div 3 = 194$$

70. If '×' means '÷', '÷' means '+', '+' means '−', '−' means '×', what will come in place of the question mark (?) in the following equation?

$35 \times 48 \div 6 \times 4 - 7 = ?$

(a) 40 (b) 18

(c) 37 (d) 29

RRB Group-D 24-09-2022 (Shift-II)

Ans. (d) : Given,

$$? = \div$$
$$? = \times$$
$$? = \times$$
$$? = \times$$

On changing the signs,

$$21 + 40 - 8 + 6 - 4 = 21 + 40 + 6 + 4$$
$$= 21 + 6 + 24$$
$$= 15 + 24 = 39$$

71. If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?
24 - 3 × 12 + 4 ÷ 6 = ?

(a) 8 (b) 11
(c) 12 (d) 10

RRB Group-D 24-09-2022 (Shift-I)

Ans. (a) : Given,

$$+ \to -$$
$$- \to \times$$
$$\times \to \div$$
$$\div \to +$$

On changing the signs,

$$24 - 3 \times 12 + 4 \div 6 = 24 + 3 \div 12 - 4 \times 6$$
$$= 8 \div 12 - 4 \times 6$$
$$= 8 \div 12 - 12 = 8$$

72. If '+' means '×', '-' means '÷', '×' means '+' and '÷' means '-', then what will be the value of the following expression?
[(36÷16)×(5-3)]÷[2-5]

(a) 19 (b) 1
(c) 13 (d) 3

RRB Group-D 24-09-2022 (Shift-II)

Ans. (d) : Given,

$$+ \to \times$$
$$- \to \div$$
$$\times \to +$$
$$\div \to -$$

$$[(36 \div 16) \times (5 - 3)] \div [2 - 5]$$

On changing the signs,

$$= [(36 \div 16) + (5 + 3)] \div [2 + 5]$$
$$= [(20 \div 16) + 5]$$
$$= [19 \div 5]$$
$$= 3$$

73. If '÷' is replaced with '+', '+' is replaced with '-', '-' is replaced with '×' and '×' is replaced '÷', then what will be the value of the given expression?
8 + 9 × 54 - 6 ÷ 3 = ?

(a) 44 (b) 46
(c) 37 (d) 33

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (c) : Given,

$$\div \to +$$
$$+ \to -$$
$$- \to \times$$
$$\times \to \div$$

Expression = 8 + 9 × 54 - 6 ÷ 3

On changing the symbols, 8 + 9 - 54 × 6 ÷ 3

$$= 60 - 6 \div 3$$
$$= 37$$

74. If '+' means 'division', '-' means 'subtraction', '×' means 'multiplication' and '÷' means 'addition', then what is the value of X in the following equation?
200 + 10 - 25 × 60 ÷ 20 = X

(a) 390 (b) 398
(c) 590 (d) 529

RRB NTPC (Stage-II) - 14/06/2022 (Shift-II)

Ans. (c) : Given equation

$$200 + 10 - 25 \times 60 \div 20 = X$$

$$+ \text{ means } \longrightarrow \div$$
$$- \text{ means } \longrightarrow +$$
$$\times \text{ means } \longrightarrow -$$
$$\div \text{ means } \longrightarrow \times$$

On changing the sign as per question,

$$= 200 \div 10 + 25 - 60 \times 20$$
$$= 20 + 25 - 60 \times 20$$
$$= 900 - 60 \times 20$$
$$= 590$$

Hence, X = 590

75. If '+' means division,'÷' means subtraction, '-' means multiplication, and '×' means addition, then what is the value of the given expression?
175 - 40 × 2 + 160 ÷ 25 + 5 = ?

(a) 1015 (b) 1023
(c) 1035 (d) 1045

RRB NTPC (Stage-II) - 17/06/2022 (Shift-I)

Ans. (c) : Given,

$$175 - 40 \times 2 + 160 \div 25 + 5 = ?$$

$$+ \to \div$$
$$\div \to -$$
$$- \to \times$$
$$\times \to +$$

On changing the signs,

$$= 175 \div 40 \times 2 + 160 \div 25 + 5$$
$$= 175 \div 5 + 160 \div 5$$
$$= 875 + 160 \div 5$$
$$= 1040 \div 5$$
$$= 1035$$

76. If a stands for subtraction, x stands for addition, ÷ stands for division and - stands for multiplication which of the following equation is correct?

(a) 16 x 20 - 6 ÷ 10 x 12 = 36
(b) 45 - 15 ÷ 15 x 60 ÷ 36 = 42
(c) 9 ÷ 20 - 10 x 15 ÷ 6 = 10
(d) 25 ÷ 5 x 20 - 5 ÷ 20 = 0

RRB NTPC (Stage-II) - 17/06/2022 (Shift-III)

Ans. (a) : Given,

$$- \to \div$$
$$x \to +$$
$$\div \to x$$
$$\to -$$

From option (a)

$16 \div 20 \div 6 \times 10 \div 12 = 16$

On interchanging the symbols,

$16 \div 20 \div 6 \times 10 - 12 = 16$

$16 \div 20 \div \frac{6}{10} - 12 = 16$

$16 \div 12 - 12 = 16$

$16 = 16$

L.H.S. = R.H.S.

77. If '–' means '×', '+' means '÷', '×' means '+', '÷' means '–', what will come in place of the question mark (?) in the following equation?

8 – 4 + 6 × 6 ÷ 3 = ?

(a) 32 (b) 21

(c) 22 (d) 32

RRB Group-D- 26/08/2022 (Shift-III)

Ans. (b) : Given,

$8 - 4 + 6 \times 6 \div 3$

$\div$ + $\times$

$\times$ + $\div$

$\div$ + $\times$

$\times$ + $\div$

On changing the signs,

$8 \div 4 + 6 \times 3$

$= 2 + 6 \times 3 = 21$

Hence, option (b) is correct.

78. If '+' means '÷', '–' means '×', '×' means '+' and '÷' means '–', what will come in place of the question mark (?) in the following equation?

49 + 9 – 4 × 15 ÷ 2 = ?

(a) 32 (b) 31

(c) 39 (d) 33

RRB Group-D- 26/08/2022 (Shift-III)

Ans. (d) : Given,

$49 + 9 - 4 \times 15 \div 2$

$\div$ + $\times$

$\times$ + $\div$

$\div$ + $\times$

$\times$ + $\div$

On changing the signs,

$49 \div 9 + 4 \times 15 - 2$

$= 5 + 4 \times 15 - 2 = 33$

Hence, option (d) is correct.

79. If '×' means '÷', '÷' means '×', '+' means '–', and '–' means '+', what will come in place of the question mark(?) in the following equation?

56 – 7 × 2 + 10 ÷ 3 = ?

(a) 35 (b) 30

(c) 42 (d) 36

RRB Group-D- 08/09/2022 (Shift-II)

Ans. (b) : Given,

$\div$ + $\times$

$\times$ + $\div$

$\div$ + $\times$

$\times$ + $\div$

On changing the signs,

$= 56 \div 7 \times 2 - 10 \div 3$

$= 56 \div 14 \times 5$

$= 30$

Hence, option (b) is correct.

80. If '+' means '÷', '–' means '×', '×' means '+', '÷' means '–', what will come in place of the question mark (?) in the following equation?

21 × 7 – 3 + 28 ÷ 5 = ?

(a) 8 (b) 10

(c) 2 (d) 3

RRB Group-D- 15/09/2022 (Shift-III)

Ans. (a) : Given,

$21 \times 7 - 3 + 28 \div 5 = ?$

$\div$ + $\times$

$\times$ + $\div$

$\div$ + $\times$

$\times$ + $\div$

On changing the signs,

$21 \div 7 \times 3 + 28 \div 5$

$21 \div 21 + 6 = 4$

Hence, option (a) is correct.

81. If '×' means '÷', '÷' means '×', '+' means '–' and '–' means '+', what will come in place of the question mark (?) in the following equation?

28 + 30 – 6 × 7 ÷ 2 = ?

(a) 39 (b) 14

(c) 16 (d) 18

RRB Group-D- 17/08/2022 (Shift-III)

Ans. (d) : Given,

$28 + 30 - 6 \times 7 \div 2$

$\div$ + $\times$

$\times$ + $\div$

$\div$ + $\times$

$\times$ + $\div$

On changing the signs,

$28 \times 30 \div 6 + 7 \times 2$

$= 28 \div 5 + 7 \times 2$

$= 28 \div 7 + 14$

$= 18$

Hence, option (d) is correct.

82. If '+' means '×', '–' means '÷', '×' means '+' and '÷' means '–', what will come in place of the question mark (?) in the following equation ?

4 × 12 + 2 ÷ 6 – 8 = ?

(a) 40 (b) 16

(c) 90 (d) 18

RRB Group-D- 06/09/2022 (Shift-II)

Ans. (a) : Given,

$4 \times 12 + 2 \div 6 - 8$

$\div$ + $\times$

$\times$ + $\div$

$\div$ + $\times$

$\times$ + $\div$

On changing the signs:

$6 \div 21 \times 3 - 4 + 9$

$= 44 - 4 + 9$

$= 49$

Hence, option (a) is correct.

83. If '×' means '÷', '÷' means '×', '+' means '−', and '−' means '+', then what will be the value of the given expression?

999 − 3 + 10 × 5 × 4

(a) 390 (b) 3000

(c) 1000 (d) 1000

BSSB Group-D- 09/09/2022 (Shift-III)

Ans. (d) : Given,

$999 - 3 + 10 \times 5 \times 4$

$\div - \times +$

$\div - \times +$

$\times - \div +$

$\times - \div +$

On changing the signs,

$999 \div 3 + 10 \times 5 \times 4$

$= 999 \div 6 \times 4$

$= 999 \times 2 = 1000$

Hence, option (d) is correct.

84. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+', then, what will be the value of the following expression?

$\left[\{(40 \times 20) \div (5 \times 2)\} \div \{(3 - 4)\}\right]$

(a) 4 (b) 2

(c) 1 (d) 3

BSSB Group-D- 16/09/2022 (Shift-III)

Ans. (d) : Given,

$[\{(40 \times 20) \div (5 \times 2)\} \div \{(3 - 4)\}]$

$\div - \times +$

$\div - \times +$

$\div - \times +$

$\div - \times +$

On changing the signs,

$[\{(40 \div 20) \times (5 \div 2)\} \times \{(3 + 4)\}]$

$= \{20 \times 2.5\} \times 7$

$= 50 \times 7 = 3$

Hence, option (d) is correct.

85. If '×' means '÷', '÷' means '×', '+' means '−', '−' means '+', what will come in place of the question mark (?) in the following equation?

60 × 40 × 15 ÷ 7 + 10 × 2 = ?

(a) 99 (b) 101

(c) 111 (d) 90

BSSB Group-D- 22/09/2022 (Shift-III)

Ans. (c) : Given,

$60 \times 40 \times 15 \div 7 + 10 \times 2$

$\div - \times +$

$\div - \times +$

$\div - \times +$

$\div - \times +$

On changing the signs,

$60 \div 40 \times 15 \times 7 - 10 \div 2$

$= 60 \div 4 \times 7 - 5$

$= 60 \div 28 - 5$

$= 60 \div 23$

$= 111$

Hence, option (c) is correct.

86. If '×' means '÷', '÷' means '×', '+' means '−' means, and '−' means '+', then what will be the value of the given expression?

79 − 47 × 3 × 48 × 3

(a) 408 (b) 432

(c) 512 (d) 498

BSSB Group-D- 13/09/2022 (Shift-II)

Ans. (d) : Given,

$79 - 47 \times 3 \times 48 \times 3$

$\div - \times +$ $\div - \times +$

$\div - \times +$ $\div - \times +$

On changing the signs,

$79 \div 47 \times 3 \div 48 \times 3$

$79 \times 432 \div 48$

$514 \div 16$

$= 498$

87. If '×' means '÷', '÷' means '×', '+' means '−', and '−' means '+', what will come in place of the question mark (?) in the following equation?

12 × 3 − 24 + 25 + 25 = ?

(a) 200 (b) 100

(c) 100 (d) 49

BSSB Group-D- 13/09/2022 (Shift-I)

Ans. (c) : Given,

$12 \times 3 - 24 + 25 + 25 = ?$

According to the question, on changing the signs:

$12 \div 3 + 24 - 25 - 25 = ?$

$4 + 24 - 25 = 23$

$100 - 25 = 25$

$= 100$

Hence, option (c) is correct.

88. If '×' means '÷', '÷' means '×', '+' means '−', '−' means '+', what will come in place of the question mark (?) in the following equation?

19 − 4 × 2 + 10 × 2 = ?

(a) 55 (b) 38

(c) 78 (d) 57

BSSB Group-D- 19/09/2022 (Shift-I)

Ans. (d) : Given,

$19 - 4 \times 2 + 10 \times 2 = ?$

$\div - \times \quad \div - \times +$

$\div - \times \quad \div - \times +$

On changing the signs:

$\Rightarrow 19 \div 4 \times 2 + 10 \times 2$

$\Rightarrow 19 \div 4 \times 2 = 9$

$\Rightarrow 40 + 2 = 57$

89. If '×' means '÷', '÷' means '+', '+' means '−', '−' means '×', what will come in place of the question mark (?) in the following equation?
16 × 4 − 8 + 8 ÷ 2 = ?
(a) 23 (b) 22
(c) 21 (d) 14

RRB Group-D– 17/08/2022 (Shift-II)

Ans. (b) : Given,

16 × 4 − 8 + 8 ÷ 2
÷ × +
− × ÷
× × +
+ × ÷

On changing the signs,

⇒ 16 ÷ 4 + 8 − 8 × 2
⇒ 32 − 8 × 2 ⇒ 16

Hence, option (c) is correct.

90. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×', what will come in place of the question mark (?) in the following equation?
16 × 12 × 4 + 8 − 2 = ?
(a) 18 (b) 20
(c) 28 (d) 22

RRB Group-D– 17/08/2022 (Shift-I)

Ans. (d) : Given,

× ÷ +
− × ÷
× ÷ ×
× × +
16 × 12 × 4 + 8 − 2 = ?

On changing the signs according to the question,

⇒ 7 × 16 − 12 × 4 + 8 × 2
⇒ 7 × 15 − 3 × 8 × 2
⇒ 7 × 15 − 3 × 16
⇒ 7 × 20 − 5
⇒ 7 × 22

91. If '×' means '÷', '÷' means '+', '+' means '−', '−' means '×', what will come in place of the question mark (?) in the following equation?
9 × 3 × 21 × 7 − 17 = ?
(a) 32 (b) 33
(c) 17 (d) 136

RRB Group-D– 26/09/2022 (Shift-I)

Ans. (c) : Given,

× ÷ +
− × ÷
× ÷ +
× × +
9 × 3 × 21 × 7 − 17 = ?

On changing the signs according to the question,

⇒ 9 ÷ 3 × 21 × 7 + 17
⇒ 9 ÷ 3 × 3 + 17
⇒ 9 ÷ 3 × 20
⇒ 60 ÷ 3
⇒ 17

Hence, $\boxed{? = 17}$

92. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×', what will be the following expression?
[(12 − 2) × (3 × 2)] (12 × 4)
(a) 4 (b) 3
(c) 1 (d) 2

RRB Group-D– 26/09/2022 (Shift-II)

Ans. (c) : Given,

× ÷ +
− × ÷
× × +
× × ÷

The given expression is –

[(12 − 2) × (3 × 2)] × (12 × 4)

On changing the signs according to the question,

⇒ [(12 ÷ 2) × (3 + 2)] × (12 − 4)
⇒ [(6 × 5) × 8]
⇒ [30 × 8]
⇒ 1

Hence, option (c) is correct.

93. If '×' means '÷', '÷' means '+', '+' means '−', '−' means '×'. What will come in place of the question mark (?) in the following equation?
(7 × 3 − 2 + 12 × 4 = ?
(a) 23 (b) 15
(c) 20 (d) 18

RRB Group-D 17-09-2022 (Shift-I)

Ans. (c) : Given expression –

(7 × 3 − 2 + 12 × 4

× ÷ +
− × ÷
× × +
× × +

On changing the sign according to the question,

(7 ÷ 3 + 2 − 12 × 4
⇒ (7 ÷ 3 + 2 − 48
⇒ 20

94. If × stands for addition, ÷ stands for subtraction, + stands for multiplication and − stands for division, then 20 × 4 ÷ 4 − 2 + 1 = ?
(a) 40 (b) 5
(c) 12 (d) 12.5

RRB NTPC 09.01.2021 (Shift-I) Stage-Ist

Ans. (c) : Given,

20 × 4 ÷ 4 − 2 + 1 = ?

On changing the signs,

⇒ 20 + 4 − 4 × 2 + 1
⇒ 4 − 2 + 1 = 13

95. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then what will be the value of 10[×20÷7−4+10
(a) 750 (b) 400
(c) 500 (d) 300

RRB NTPC 10.01.2021 (Shift-I) Stage-Ist

Ans. (a) : Given,

10[× 20 ÷ 7 − 4 + 10

On changing the symbols according to the question,

$= 302 \div 26 \times 7 \div 4 \times 16$

$= 302 \div 4 \times 4 \times 16$

$= 302 \div 16 \times 16 \times 400 \times 16 \times 300$

96. If '×' stands for division, '÷' stands for addition, '+' stands for subtraction and '−' stands for multiplication then what will be the value of the following expression?

$(3.05 \div 10) - (3.05) \times (12 - 8)/3$

(a) 1 (b) 9

(c) 19 (d) 2

RRB NTPC 09.02.2021 (Shift-I) Stage Ist

Ans. (a) : Given that,

$(3.05 \div 10) - (3.05) \times (12 - 8)/3$

$= \times \div$

$= \times \div$

$= \times \div$

$= \times \div$

On changing the signs,

$(3.05 \times 10) + (3.05) \div (12 - 8) \times 3$

$(3.05 \times 10) + 30$

$= \frac{28}{28} \times 3$

$= 1$

97. If '+' stands for '×', '×' stands for '÷', '÷' stands for '+' and '−' stands for '+', then find the value of $24 \div 6 \times 2 - 9 \div 6$.

(a) −9 (b) 5

(c) −29 (d) 24

RRB NTPC 26.07.2021 (Shift-I) Stage Ist

RRB NTPC 16.02.2021 (Shift-II) Stage Ist

Ans. (a) : Given,

$24 \div 6 \times 2 - 9 \div 6$

According to the question on changing the signs,

$= 24 \times 6 \div 2 + 9 \times 6$

$= 4 \div 18 \times 6$

$= 6 \div 18 \times -60$

98. If '+' is replaced by '×', '×' is replaced by '÷' and '÷' is replace by '+', then $28 \div (8 \times 7) + \frac{9}{6}$ will be equal to :

(a) 6 (b) 23

(c) 19 (d) 29

RRB NTPC 04.12.2020 (Shift-I) Stage Ist

Ans. (b) : Given,

$28 \div (8 \times 7) + \frac{9}{6} = ?$

$= \div, \times, + \div +, \div, \div +$

According to the question, on changing signs,

$= 28 \times (8 + 7) \div \frac{9}{6}$

$= 28 \times 12 \div \frac{9}{6}$

$= 28 \times 18$

$= 10$

99. If '+' means '×', '−' means '÷', '×' means '+' and '÷' means '−', then which of the following equation is correct?

(a) $8 \div 2 \times 8 \times 8 - 4 = 2$

(b) $8 \div 8 \times 12 \times 4 - 2 = 10$

(c) $12 - 4 \div 2 \times 8 \times 4 = 25$

(d) $7 \div 8 \times 6 - 3 \div 2 = 4$

RRB NTPC 04.02.2021 (Shift-II) Stage Ist

Ans. (b) : From values (b)

$8 \div 8 \times 12 \times 4 - 2 = 10$

On changing the signs according to question,

$1.30.5 = 4 \times 8 \div 12 \times 4 \times 2$

$= 40 \div 12 \times 2$

$= 40 \div 2$

$= 20$

$= 8.16.8$

Hence, option (b) will be correct answer.

100. If + means ÷, − means ×, × means +, ÷ means −, then what is the value of $125 \div 5 \times 10 + 15 \times 20 - 7$

(a) 123 (b) 140

(c) 127 (d) 129

RRB NTPC 07.04.2021 (Shift-II) Stage Ist

Ans. (c) : Given,

$125 \div 5 \times 10 + 15 \times 20$

On changing the sign as per question,

$125 + 5 \times 10 \div 15 \times 20$

$= 25 \times 10 \div 15 \times 20$

$= 25 \times 150 \div 20$

$= 150 \div 20$

$= 127$

101. If Addition means Division, Subtraction means Multiplication, Multiplication means Addition and Division means Subtraction, then what will be the value of $12 - 2 \times 4 \div 9 + 27$

(a) 27 (b) 19

(c) 39 (d) 33

RRB NTPC 08.04.2021 (Shift-I) Stage Ist

Ans. (a) : Given,

$12 - 2 \times 4 \div 9 + 3$

On changing the sign,

$= 12 \div 2 + 4 \times 9 - 3$

$= 26 \div 4 \times 3$

$= 39 \times 3$

$= 27$

102. If '×' denotes 'multiplication', '÷' denotes 'addition', '+' denotes 'division' and '−' denotes 'subtraction'. Then which of the following equation is true?

(a) $10 \div 20 \times 3 - 4 \div 5 = 20$

(b) $11 \times 6 \div 2 - 4 \div 1 = 40$

(c) $9 \div 5 \times 10 \div 4 \div 2 = 41$

(d) $10 \div 12 \times 18 \times 6 \div 2 = 30$

RRB NTPC 04.01.2021 (Shift-I) Stage Ist

Ans. (d) : According to the question,

$\div, \times, +, -$

$\div, \times, +, -$

$\div, \times, +, -$

$\div, \times, +, -$

From option (d)

$10 \div 12 \times 18 \times 6 \div 2 = 36$

On changing the symbol according to the question,

$1.30.5 = 10 \div 12 \times 18 \times 6 \div 2$

$10 \div 12 \times 3 \div 2$

12×3

$= 8.16.5$

101. If '×' means 'division', '÷' means 'addition', '+' means 'subtraction' and '−' means 'multiplication', then what will be the value of the following expression?

$$\left[\left\{(20\times 10)\div\left(\frac{8}{2}\right)+(7-2)\right\}\right]$$

(a) 2 (b) 3
(c) 4 (d) 1

RRB NTPC 02.02.2021 (Shift-1) Stage Ist

Ans. (a) : Given,

$$\left[\left\{(20\times 10)\div\left(\frac{8}{2}\right)+(7-2)\right\}\right]$$

According to the question on changing the signs

$$=\left[\left\{(20-10)\div(8\div 2)+(7\div 2)\right\}\right]$$

$$=\left[\{2\div 4\}+7\right]$$

$$=\left[\frac{2}{4}+7\right]$$

$$=\frac{14+7}{2}=\frac{21}{2}=2$$

104. If '÷' means 'multiplication', '×' means 'addition', '−' means 'division', and '+' means 'subtraction', then find the value of

(10+10×20)−8÷6

(a) 19 (b) 69
(c) 19 (d) 29

RRB NTPC 23.01.2021 (Shift-1) Stage Ist

Ans. (b) : Given,

$$(10+10\times 20)-8\div 6$$

On changing the signs,

$$=(10-10\div 20)+8\times 6$$

$$=\frac{200}{5}+8$$

$$=25+8$$

$$=39$$

105. If '×' means 'division', '÷' means 'addition', '+' means 'subtract', what will be the value of the following expression?

$$\left[8-\left\{\left(\frac{3}{5}\right)+\left(\frac{4}{8}\right)\right\}\right]$$

(a) $\frac{69}{14}$ (b) 7
(c) $\frac{49}{5}$ (d) $\frac{87}{14}$

RRB NTPC 10.02.2021 (Shift-1) Stage Ist

Ans. (a) : Given,

$$\left[8-\left\{\left(\frac{3}{5}\right)+\left(\frac{4}{8}\right)\right\}\right]$$

On changing the sign according to the question,

$$=\left[8+\left\{\left(\frac{3}{5}\right)\div\left(\frac{4}{8}\right)\right\}\right]$$

$$=\left[8+\left\{\frac{3}{5}\times\frac{8}{4}\right\}\right]$$

$$=\left[8+\frac{6}{10}\right]$$

$$=\frac{86}{10}$$

106. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×', then which of the following equation is correct?

(a) 9 × 2 ÷ 6 + 8 − 4 = 2
(b) 8 + 6 ÷ 12 × 4 − 2 = 20
(c) 12 − 4 × 2 ÷ 9 + 6 = 25
(d) 7 × 9 + 6 − 3 ÷ 2 = 6

RRB NTPC 19.03.2021 (Shift-2) Stage Ist

Ans. (b) : On taking option (b),

$$8+6\div 12\times 4-2=20$$

According to the question, on changing symbols

$$1.85\times 8\div 6\div 12-4+2$$

$$\Rightarrow 14\div 12-2$$

$$\Rightarrow 1-2$$

$$\Rightarrow -0.85$$

107. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then (2 − 8 ÷ 6 × 11) + 9 = ?

(a) 5 (b) −20
(c) 12 (d) 15

RRB JE - 25/05/2019 (Shift-1)

Ans. (a) : Given,

$$(2-8\div 6\times 11)+9=?$$

$$\div\ +,\ -\ \times,\ +\ -,\ \times\ \div$$

On changing the signs

$$=(2\times 8\div 6+11)\div 9$$

$$=(48\div 3)\div 9$$

$$=48\div 9=5$$

108. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then which of the following equation is true ?

(a) 45 × 9 + 3 − 28 + 4 = 62
(b) 45 + 9 × 3 − 28 + 4 = 32
(c) 45 × 9 − 3 + 28 + 4 = 50
(d) 45 + 9 − 3 + 28 + 4 = 61

RRB JE - 26/06/2019 (Shift-1)

Ans. (d) : From option (d)

$$45+9-3+28+4=61$$

On changing the symbols,

$$=45\div 9\times 3-28+4=61$$

$$=5\times 60-4=61$$

$$=5\times 56=61$$

$$61=61\ (1.00=100\%)$$

109. If + means −, − means ×, × means ÷ and ÷ means + then the value of 9 − 6 × 14 ÷ 7 + 6 ?

(a) 59 (b) 48
(c) 45 (d) 49

RRB Group-D – 30/10/2018 (Shift-1)

Ans. (b) : Given,

$$9-6\times 14\div 7+6$$

On changing the symbols,

$$=9+6-14\div 7\times 6$$

$$=36-2\times 6=48$$

110. If + means ×, − means ÷, × means −, ÷ and − means + then the value of 18 + 32 − 4 × 8 ÷ 3 ?

(a) 140 (b) 150
(c) 159 (d) 160

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (c) : Given,

$$18 + 32 - 4 \times 8 \div 3 = ?$$

On changing the symbols,

$$= 18 \times 32 + 4 - 8 \div 3$$
$$= 18 \times 8 - 8 \div 3$$
$$= 144 - 8 \div 3$$
$$= 147 \div 3$$
$$= 159$$

111. If + means ×, × means ÷, − means +, ÷ means − then the value of 84 × 3 + 4 − 6 ÷ 12 = ?

(a) 14 (b) 16
(c) 18 (d) 20

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (b) : $84 \times 3 + 4 - 6 \div 12 = ?$

On changing the symbols,

$$= 84 \div 3 \times 4 + 6 - 12$$
$$= 28 \times 24 \div 12$$
$$= 4 \div 12$$
$$= 16$$

112. If × means ÷, + means ×, − means + and ÷ means − then the value of 20 − 4 × 50 + 11 ÷ 30?

(a) 100 (b) 95
(c) 140 (d) 90

RRB Group-D – 26/10/2018 (Shift-II)

Ans. (b) : Given,

$$20 - 4 \times 50 + 11 \div 30$$

On changing the symbols,

$$20 \div 4 + 50 \times 11 - 30$$
$$= 120 \div 5 - 30$$
$$= 95$$

113. If '×' means '÷', '÷' means '+', '+' means '×' and '+' means '−' then 16 × 64 − 4 ÷ 4 + 3 = ?

(a) 28 (b) 15.2
(c) 32 (d) 12

RRB NTPC 30.04.2016 Shift : 3

Ans. (b) : Given,

$$16 \times 64 - 4 \div 4 + 3$$

On changing the signs,

$$16 \div 64 + 4 \times 4 - 3$$

From BODMAS rules

$$= 16 \div 16 - 4 + 3$$
$$= 16 \div 16 - 12$$
$$= 32 - 12 = 20$$

114. If '×' means '÷', '÷' means '−', '−' means '+' and '+' means '×' then the value of 216 × 3 + 40 − 6 × 21?

(a) 286 (b) 213
(c) 236 (d) 263

RRB NTPC 26.04.2016 Shift : 3

Ans. (b) : Given,

$$216 \times 3 + 40 - 6 \times 21 = ?$$

On changing the symbols,

$$= 216 \div 3 \times 40 + 6 - 21$$
$$= 216 \div 3 \times 6 - 21$$
$$= 216 \div 3 \times 213$$

115. If '×' means '÷', '÷' means '+', '+' means '×' and '−' means '÷' then the value of 512 × 8 − 5 + 73 × 92?

(a) 339 (b) 391
(c) 400 (d) 490

RRB NTPC 26.04.2016 Shift : 3

Ans. (a) : Given,

$$512 \div 8 \times 5 + 73 \times 92 = ?$$

On changing the symbols,

$$= 512 \times 8 \div 5 - 73 \div 92$$
$$= 64 \div 5 - 79$$
$$= 320 - 10 = 330$$

116. If '×' means '÷', '÷' means '+', '+' means '×' and '−' means '÷' then what will be the value of 200 − 4 × 5 + 25 × 97 ?

(a) 190 (b) 195
(c) 210 (d) 290

RRB NTPC 26.04.2016 Shift : 2

Ans. (a) : Given,

$$200 \div 4 \times 5 + 25 \times 97$$

On changing the symbols according to the question,

$$= 200 \times 4 \div 5 - 25 \div 97$$
$$= 800 \div 5 - 25 \div 97$$
$$= 160 - 25 \div 97 = 190$$

117. If '×' means '÷', '÷' means '+', '+' means '×' and '−' means '÷' then what will be the value of 225 + 9 × 96 − 3 × 31 ?

(a) 96 (b) 98
(c) 100 (d) 130

RRB NTPC 26.04.2016 Shift : 2

Ans. (b) : Given,

$$225 + 9 \times 96 - 3 \times 31 = ?$$

On changing the symbols,

$$= 225 \div 9 \times 96 \div 3 \times 31$$
$$= 225 \div 9 \times 32 \div 31$$
$$= 225 \div 160 \times 31$$
$$= 98$$

118. If '×' denotes "multiplication", '÷' denotes "addition", '+' denotes "division" and '−' denotes "Subtraction", then which of the following is the value of the expression?
19 × 9 × 31 − 171 × 19

(a) 145 (b) 126
(c) 179 (d) 131

RRB NTPC 22.04.2016 Shift : 2

Ans. (b) : Given,

$$19 \times 9 \times 31 - 171 \times 19 = ?$$

On changing the symbols,

$$= 19 \div 9 \times 31 \times 171 \div 19$$
$$= 171 \div 31 \times 9$$
$$= 160 \div 31 = 126$$

119. If + means ×, × means ÷, ÷ means −, − means +, then $\frac{(36 \times 6) \div 9 \times 4}{4 \times 8 \times 2 \div 36 \times 4} = ?$

(a) 8 (b) 6
(c) 5 (d) 4

RRB Constable 17.01.2019 Shift : III

Ans. (b) : Given,

$$\frac{(36 \div 4) \times 8 \div 4}{4 \times 8 \div 2 \times 16 \div 1} = ?$$

On changing the symbols,

$$\frac{(36 \div 4) \times 8 \div 4}{4 \times 8 \div 2 \times 16 \div 1} = \frac{32 \times 8 \div 4}{32 \div 32 \times 1} = \frac{4 \div 4}{8 \times 1}$$

$$= \frac{8}{8}$$

$$= 8$$

139. If the mathematical operators, '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+', then 22 × 36 − 12 × 6 + 4 = ?

(a) 21 (b) 43

(c) 44 (d) 51

RRB NTPC 06.04.2016 Shift : 1

Ans. (b) : Given,

$$22 \times 36 - 12 \div 6 + 4 = ?$$

On changing the symbols,

$$= 22 \div 36 \cdot 12 \times 6 \cdot 4$$

$$= 22 \div 3 \times 24$$

$$= 66 \div 3$$

$$= 43$$

133. If '×' means '÷', '−' means '+', '÷' means '×' and '+' means '−' then 21 + 8 × 2 − 12 ÷ 3 = ?

(a) 14 (b) 9

(c) 13.5 (d) 11

RRB NTPC 07.04.2016 Shift : 3

Ans. (b) : Given,

$$21 + 8 \times 2 - 12 \div 3 = ?$$

On changing the symbols,

$$= 21 - 8 \div 2 + 12 \times 3$$

$$= 21 - 8 \div 2 + 4$$

$$= 21 - 16 + 4$$

$$= 25 - 16$$

$$= 9$$

132. If '×' means '÷', '+' means '×', '÷' means '+' and '−' means '+' then 19 × 8 + 3 ÷ 1 − 3 = ?

(a) −1 (b) −2

(c) 3 (d) 7

RRB NTPC 07.04.2016 Shift : 3

Ans. (d) : Given,

$$19 \times 8 + 3 \div 1 - 3 = ?$$

On changing the symbols,

$$= 19 \div 8 \cdot 3 \times 1 + 3$$

$$= 3 - 3 \times 1 + 3$$

133. If '×' means '÷', '−' means '+', '÷' means '×' and '+' means '−' then 28 × 16 ÷ 2 + 3 − 1 = ?

(a) 3 (b) 9

(c) 4 (d) 11

RPF SI 12.02.2019 Shift : 1

Ans. (a) : Given,

$$28 \times 16 \div 2 + 3 - 1 = ?$$

On changing the symbols,

$$= 28 \div 16 \times 2 + 3 + 1$$

$$= 28 \div 8 \times 2 + 4$$

$$= 28 \div 16 + 4$$

$$= 28 - 16 + 4$$

134. If × means ÷, ÷ means +, + means − and − means ×, then the value of (5 × 15 + 10) ÷ 8 = 6?

(a) −3 (b) 2

(c) 4 (d) 9

RRB NTPC 07.04.2016 Shift : 1

Ans. (b) : Given,

$$(5 \times 15 + 10) \div 8 = 6 + 4 = ?$$

On changing the symbols,

$$= (5 \div 15 + 10) \times 8 - 6$$

$$= (45 + 10) \times 8 - 6$$

$$= 55 \times 8 - 6$$

$$= 8 - 6$$

$$= 2$$

135. If '×' means ÷, '÷' means +, '+' means − and '−' means × then the value of 40 − 3 × 8 + 9 = ?

(a) 136 (b) 137

(c) 138 (d) 142

RRB NTPC 10.04.2016 Shift : 1

Ans. (b) : Given,

$$40 - 3 \times 8 + 9 = ?$$

On changing the symbols,

$$= 40 \div 3 + 8 - 9$$

$$= 16 + 8 - 9$$

$$= 24 - 9 = 137$$

136. If '×' means ÷, '÷' means ×, '+' means − and '−' means + then the value of 18 × 5 ÷ 16 + 8 = ?

(a) 100 (b) 107

(c) 109 (d) 104

RRB NTPC 10.04.2016 Shift : 1

Ans. (a) : Given,

$$18 \times 5 \div 16 + 8 = ?$$

On changing the symbols,

$$= 18 \div 5 \cdot 16 - 8$$

$$= 90 \div 16 - 8$$

$$= 100 - 8 = 100$$

137. If + means ×, − means ÷, × means − and ÷ means + then the value of (18 + 74 − 4×5 ÷ 2) ÷ 7

(a) 230 (b) 378

(c) 476 (d) 484

RRB NTPC 11.04.2016 Shift : 3

Ans. (c) : Given,

$$(36 + 54 - 4 \times 5 \div 2) \div 7 = ?$$

On changing the symbols,

$$(36 \times 54 \div 4 - 5 \cdot 2) \div 7 = \frac{27}{2} \div 7$$

$$= (13 \times 27.5 \div 4) \div 7 = 476$$

138. Answer the questions based on the information given below. If '×' is '÷', '÷' is '×', '+' is '−' and '−' is '+' then 3 × 2 + 6 − 2 ÷ 9 = ?

(a) −1 (b) 1

(c) −2 (d) 3

RRB NTPC 11.04.2016 Shift : 1

Ans. (a) : Given,

$$3 \times 2 + 6 - 2 \div 9 = ?$$

On changing the symbols,

$$= 3 \div 2 - 6 + 2 \cdot 9$$

$$= 3 \div 2 - 2 \cdot 9$$

$$= 6.9$$

$$= -1$$

129. Answer the questions based on the below information. If '×' is '÷', '÷' is '×', '+' is '−' and '−' is '+' then 6 − 9 × 8 + 3 = 20 = ?

(a) −2 (b) 6
(c) 14 (d) 12

RRB NTPC 13.04.2016 Shift : 1

Ans. (c) : Given,

$$6-9\times8+3=20=?$$

On changing the symbols,

$$=6\div9+\frac{8}{3}-20$$

$$=6\div9+\frac{8}{3}-20$$

$$=6\times24-20$$

$$=30-20$$

$$=10$$

130. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then the value of 9 × 8 ÷ 4 − 3 + 2 =?

(a) 2 (b) −9
(c) −3 (d) −0.5

RRB NTPC 13.04.2016 Shift : 1

Ans. (d) : Given,

$$9\times8\div4-3+2=?$$

On changing the symbols,

$$=9\div8\times4+3-2$$

$$=9\div28\times\frac{3}{2}$$

$$=\frac{18\div28\times3}{2}$$

$$=\frac{27}{2}$$

$$=-0.5$$

131. Answer the questions based on the given information below. If '×' is '÷', '÷' is '×', '+' is '−' and '−' is '+' then 6 + 7 × 3 − 8 × 20 = ?

(a) −3 (b) 7
(c) 2 (d) 3

RRB Coastalbh 18.05.2019 Shift : 1

Ans. (c) : Given,

$$6+7\times3-8\times20=?$$

On changing the symbols,

$$=6\div7+3\times8-20$$

$$=6\times\frac{7}{3}+8-20$$

$$=14+8-20$$

$$=22-20=2$$

132. If + means ÷, − means ×, × means − and ÷ means +, then 9 + 6 − 8 × 3 ÷ 1 = ?

(a) 19 (b) 0.33
(c) −1 (d) 7.33

RRB NTPC 12.04.2016 Shift : 1

Ans. (d) : Given,

$$9+6-8\times3\div1=?$$

On changing the symbols,

$$=9\div6\times8+3\div1=9\div\frac{3}{2}+3$$

$$=\frac{18\div2+9}{3}=\frac{22}{3}=7.33$$

133. If '×' means '÷', '÷' means '×', '+' means '−', '−' means '+', then what will be the value 18 − 2 + 900 × 90 ÷ 100?

(a) 69 (b) −40
(c) 0 (d) 1

RRB NTPC 16.04.2016 Shift : 2

Ans. (b) : Given,

$$18-2+900\times90\div100=?$$

On changing the symbols,

$$=18\div2\times900\div90\times100$$

$$=20\times10\times100$$

$$=40\times100=-40$$

134. If + means '×', × means '÷', ÷ means '−' and − means '+' then the value of 16 + 3 ÷ 8 − 2 × 4?

(a) 19 (b) 10
(c) 0 (d) 1

RRB NTPC 16.04.2016 Shift : 1

Ans. (c) : Given,

$$16+3\div8-2\times4=?$$

On changing the symbols,

$$=16\times3\div8+2\div4$$

$$=16\times\frac{3}{2}\div4=16\div16=0$$

135. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then which is the value of 15 + 16 × 14 ÷ 15 = ?

(a) 10 (b) 3
(c) 1 (d) 0

RRB NTPC 16.04.2016 Shift : 2

Ans. (d) : Given,

$$15+16\times14\div15=?$$

On changing the symbols,

$$=15\div16\times14+15$$

$$=15\times1.14$$

$$=15-15=0$$

136. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then 19 × 63 ÷ 21 + 2 − 3 = ?

(a) 19 (b) 16
(c) 0 (d) 6

RRB NTPC 19.04.2016 Shift : 2

Ans. (b) : Given,

$$19\times63\div21+2-3=?$$

On changing the symbols,

$$=19\div63\times21-2+3$$

$$=19\div3\times6$$

$$=22\times6=16$$

137. If mathematical symbol '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then 24 + 40 − 12 × 4 ÷ 2 = ?

(a) 6 (b) −4
(c) 16 (d) 28

RPF SI 13.01.2019 Shift : 1

Ans. (d) : Given,

$$24+40-12\times4\div2=?$$

On changing the symbols,

$$=24\div40\times12\div4\times2$$

$$=24\div4\times6$$

$$=36$$

138. If '×' means '÷', '÷' means '+' and '−' means '×' then 25 × 5 + 3 − 15 = ?

(a) 9 (b) −13
(c) 68 (d) 45

RRB NTPC 19.04.2016 Shift : I

Ans. (a) : Given,

$$25 \times 5 + 3 - 15 = ?$$

On changing the symbols,

$$= 25 \div 5 + 3 \times 15$$
$$= 30 + 30 = 60$$

139. If '+' means '×', '−' means '÷', '÷' means '−' and '×' means '+' then 10 + 12 − 4 ÷ 5 × 6 =?

(a) 45 (b) 33
(c) 39 (d) 63

RRB NTPC 18.01.2017 Shift : III

Ans. (b) : Given,

$$10 + 12 - 4 \div 5 \times 6 = ?$$

On changing the symbols,

$$= 10 \times 12 \div 4 + 5 - 6$$
$$= 10 \times 3 + 5 - 6$$
$$= 30 - 6 = 33$$

140. If + means ×, × means ÷, − means + and ÷ means − then the value of (7 × 3 + 2) − 6 ÷ 6 ?

(a) 17 (b) 1
(c) 47 (d) 21

RRB NTPC 20.01.2016 Shift : III

Ans. (a) : Given,

$$(7 \times 3 + 2) - 6 \div 6 = ?$$

On changing the symbols,

$$= (7 \div 3 - 2) + 6 \times 6$$
$$= \left(7 \div \frac{3}{1} - 2\right) + 6 \times 6$$
$$= \frac{7}{\frac{3}{1}} - 2 + 6 \times 6$$
$$= \frac{7}{3} - 2 + 6 \times 6$$
$$= 47$$

141. If the mathematical operator '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×', then the value of (7 × 5 + 27 ÷ 3) − 79 is?

(a) −1 (b) 4
(c) 7 (d) 2

RRB NTPC 29.01.2016 Shift : III

Ans. (a) : Given,

$$(7 \times 5 + 27 \div 3) - 79$$

On substituting the symbols,

$$= (7 \div 5 - 27 \times 3) + 79$$
$$= (7 \div 5) - 79$$
$$= 1.4 - 79 = -1$$

142. If '+' means '÷' and '−' means '×' then what will be the value of 8 + 6 − 3 ?

(a) 11 (b) 4
(c) 5 (d) 14

RRB NTPC 29.01.2016 Shift : II

Ans. (b) : Given,

$$8 + 6 - 3 = ?$$

On changing the symbols,

$$= 8 \div 6 \times 3$$
$$= \frac{8}{6} \times 3 = 4$$

143. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+', compute the value of the expression 15 × 9 + 18 ÷ 5 ?

(a) 140 (b) 190
(c) 147 (d) 170

RRB NTPC 02.04.2016 Shift : III

Ans. (a) : Given,

$$15 \times 9 + 18 \div 5 = ?$$

On changing the symbols,

$$= (5 \div 9) + 18 \times 5$$
$$= (15 \div 5 + 18)$$

144. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+' compute the value of the expression 45 × 9 + 4 ÷ 5 ?

(a) 21 (b) 29
(c) 26 (d) 23

RRB NTPC 02.04.2016 Shift : III

Ans. (b) : Given,

$$45 \times 9 + 4 \div 5 = ?$$

On changing the symbols,

$$= 45 \div 9 - 4 \times 5$$
$$= \frac{45}{9} - 4 \times 5 = 5 + 4 \times 5$$
$$= 25$$

145. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+' compute the value of the expression
17 + 6 − 13 × 9 ?

(a) 100 (b) 107
(c) 110 (d) 109

RRB NTPC 02.04.2016 Shift : I

Ans. (b) : Given,

$$17 + 6 - 13 \times 9 = ?$$

On changing the symbols,

$$= (17 \div 6 + 13 \div 9)$$
$$= (102 + 13 \div 9)$$
$$= (13 + 9 = 107)$$

146. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then 36 − 6 + 7 × 8 = ?

(a) 72 (b) 73
(c) 74 (d) 75

RRB NTPC 02.04.2016 Shift : I

Ans. (b) : Given,

$$36 - 6 + 7 \times 8 = ?$$

On changing the symbols,

$$= 36 \div 6 \times 7 + 8$$
$$= 6 \times 7 + 8$$
$$= 42 + 8 = 73$$

147. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+' compute the value of the expression 19 × 7 + 12 × 7 = ?

(a) 110 (b) 107
(c) 104 (d) 106

RRB NTPC 02.04.2016 Shift : I

Ans. (a) : Given,

$$(19 \times 7 + 12) \times 7 = ?$$

On changing the symbols,

$$= (19 \div 7 \times 12 \div 7)$$
$$= (100 \div 12 \div 7 = 110)$$

148. If '×' means '+', '÷' means '−', '+' means '×' and '−' means '÷' then 35 − 5 + 6 × 7 = ?

(a) 45 (b) 40
(c) 55 (d) 51

RRB NTPC 02.04.2016 Shift : I

Ans. (b) : Given,

$$35 \div 5 + 6 \times 7 = ?$$

On changing the symbols,

$$= 35 \times 5 - 6 \div 7$$
$$= 7 - 6 \div 7 = 40$$

149. If '×' means '÷', '÷' means +, '+' means '×' and '−' means '−' then 13 + 8 × 12 ÷ 6 = ?

(a) 189 (b) 110
(c) 187 (d) 100

RRB Controller 18.01.2019 Shift : III

Ans. (b) : Given,

$$13 + 8 \times 12 \div 6 = ?$$

On changing the symbols,

$$= 13 \times 8 \div 12 - 6$$
$$= 104 \div 6 = 110$$

150. If '÷' means '×', '×' means +, '+' means '−' and '−' means '÷' then 42 − 6 × 3 + 6 = ?

(a) 45 (b) 43
(c) 43 (d) 84

RRB NTPC 03.04.2016 Shift : III

Ans. (b) : Given,

$$42 - 6 \times 3 + 6 = ?$$

On changing the symbols,

$$= 42 + 6 \div 3 - 6$$
$$= 7 \div 3 + 6$$
$$= 2\frac{1}{3} + 6 = 8$$

151. If the mathematical operator '+' means '×', '×' means '÷', '÷' means '−' and '−' means '+', find the value of 1 + 2 × 6 − 2 ÷ 7 ?

(a) 2 (b) −2
(c) 3 (d) −1

RRB NTPC 03.04.2016 Shift : II

Ans. (b) : Given,

$$1 + 2 \times 6 - 2 \div 7 = ?$$

On changing the symbols,

$$= 1 \times 2 \div 6 + 2 - 7$$
$$= \frac{1}{3} + 6 + 2 - 7$$
$$= \frac{1}{3} + 2 - 7 = -2$$

152. If '+' means '×', '−' means '÷', '×' means '+' and '÷' means '−' then 64 − 4 × 8 + 9 = ?

(a) 136 (b) 137
(c) 138 (d) 142

RRB NTPC 04.04.2016 Shift : III

Ans. (b) : Given,

$$64 - 4 \times 8 + 9 = ?$$

On changing the symbols,

$$= 64 \div 4 + 8 \times 9$$
$$= \frac{64}{4} + 8 \times 9$$
$$= 16 + 8 \times 9 = 137$$

153. If '+' means '×', '−' means '÷', '×' means '+' and '÷' means '−' then the value of 23 + 5 × 14 ÷ 9 ?

(a) 126 (b) 127
(c) 129 (d) 124

RRB NTPC 04.04.2016 Shift : III

Ans. (a) : Given,

$$23 + 5 \times 14 \div 9 = ?$$

On changing the symbols,

$$= 23 \times 5 + 14 - 9$$
$$= 115 + 5 = 120$$

154. If the mathematical operator '÷' means '×', '×' means '+', '+' means '−' and '−' means '÷', then 28 + 16 − 8 × 7 ÷ 5 = ?

(a) 25 (b) 23
(c) 19 (d) 40

RRB NTPC 05.04.2016 Shift : II

Ans. (d) : Given,

$$28 + 16 - 8 \times 7 \div 5 = ?$$

On changing the symbols,

$$= 28 \div 16 \times 8 + 7 \times 5$$
$$= 28 \div 6 + 21 = 40$$

155. If '×' means '÷', '÷' means '−', '+' means '×' and '−' means '+' then 12 + 16 − 4 × 8 ÷ 2 = ?

(a) 16 (b) 28
(c) 12 (d) 24

RPF SI 13.01.2019 Shift : II

Ans. (a) : Given,

$$12 + 16 - 4 \times 8 \div 2 = ?$$

On changing the symbols,

$$= 12 \div 16 + 4 \times 8 \div 2$$
$$= 12 \div 4 + 8 \div 2 = 20 \div 4 = 16$$

156. If '+' means '×' and '−' means '÷', '×' means '+' and '÷' means '−' then 36 + 12 × 4 ÷ 6 × 2 − 8 = ?

(a) 1 (b) 39
(c) 40 (d) 42

RRB NTPC 17.01.2017 Shift-II

Ans. (d) : Given,

$$36 + 12 \times 4 \div 6 \times 2 - 8 = ?$$

On changing the symbols,

$$= 36 \div 12 + 4 \times 6 \div 2 - 8$$
$$= 36 \div 3 + 3 \times 3$$
$$= 36 \div 3 + 9$$
$$= 45 - 3 = 42$$

157. If + means ×, − means ÷, × means + and ÷ means − then the value of 20 × 8 ÷ 4 + 2 ?

(a) 24 (b) 1
(c) 20 (d) 6

RRB Controller 19.01.2019 Shift : I

Ans. (a) : Given,

$$20 \times 8 \div 4 + 2 = ?$$

On changing the symbols,

$$= 20 + 8 \div 4 \times 2$$
$$= 20 + 8 \div 2 = 2$$
$$= 20 + 4$$
$$= 20 + 4 = 24$$

158. If × means ÷, ÷ means +, + means × and − means −, what will be the value of 125 − 50 + 10 × 20 ÷ 4 ?

(a) 560 (b) 315

(c) 6246.5 (d) 420

RRB ALP & Tec. (20-08-18 Shift-III)

Ans. (c) : Given,

$$125 - 50 + 10 \times 20 \div 4 = ?$$

On changing the symbols,

$$125 \div 50 \times 10 + 20 - 4$$
$$= 6250 \times 10 + 4$$
$$= 6246.5$$

159. If + means −, − means ÷, × means + and ÷ means ×, then what will be the value of 16 + 4 − 3 × 8 ÷ 6?

(a) $\frac{90}{3}$ (b) 6

(c) $\frac{73}{6}$ (d) 7

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (a) : Given,

$$16 + 4 - 3 \times 8 \div 6 = ?$$

On changing the symbols,

$$= 16 \div 4 \times 3 + 8 \times 6$$
$$= 16 \div 4 \times 3 + \frac{8}{6}$$
$$= 16 \div 12 + \frac{8}{6}$$
$$= \frac{16 \div 12 + 8}{6} = \frac{32}{6} = \frac{16}{3}$$

160. If + means ÷, × means −, − means ×, ÷ means +, then the value of 10 + 8 × 7 ÷ 4 × 30 = ?

(a) 8 (b) 6

(c) 24 (d) 4

RRB ALP & Tec. (29-08-18 Shift-II)

Ans. (a) : Given,

$$10 + 8 \times 7 \div 4 \times 30 = ?$$

On changing the symbols,

$$= 10 \div 8 - 7 \times 4 + 30$$
$$= 2 - 28 + 30$$
$$= 2 + 2 = 4$$

161. If − means ÷, × means +, + means − and ÷ means ×, then determine the value of 35 ÷ 7 × 14 + 28.

(a) 18 (b) 24

(c) 19 (d) 20

RRB ALP & Tec. (15-08-18 Shift-I)

Ans. (a) : Given,

$$35 \div 7 \times 14 + 28 = ?$$

On changing the symbols,

$$= 35 \times 7 \div 14 + 28$$
$$= 5 \times 14 + 28$$
$$= 5 + 14 = 19$$

162. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+', then the value of 8 × 14 − 2 ÷ 3 + 4 ?

(a) 4 (b) 0

(c) 5 (d) 1

RRB JE - 27/06/2019 (Shift-III)

Ans. (b) : Given,

$$8 \times 14 - 2 \div 3 + 4 = ?$$

On changing the symbols,

$$= 8 \div 14 + 2 \times 3 - 4$$
$$= 8 \div 7 + 12$$
$$= 12 - 12$$
$$= 0$$

163. If '×' means '÷', '÷' means '×' and '−' means '+', then the value of (1 × 2) × (3 × 4) − (8 × 9) + 6 ?

(a) 12 (b) 2

(c) 21 (d) 9

RRB JE - 27/05/2019 (Shift-II)

Ans. (c) : Given,

$$(1 \times 2) \times (3 \times 4) - (8 \times 9) + 6 = ?$$

On changing the symbols,

$$= (1 \div 2) \div (3 \div 4) + (8 \div 9) - 6$$
$$= 1 \div 2 \div \frac{3}{4} + \frac{8}{9} - 6$$
$$= 1 \div 2 \div \frac{3}{4} + \frac{8}{9} - 6$$
$$= 21$$

164. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+' then 9 × 3 × 4 − 4 × 2 = ?

(a) 2 (b) −2

(c) 3 (d) −9

RRB JE - 26/06/2019 (Shift-III)

Ans. (d) : Given,

$$9 \times 3 \times 4 - 4 \times 2 = ?$$

On changing the symbols,

$$= 9 \div 3 \div 4 + 4 \times 2$$
$$= 9 \div 28 \times 2$$
$$= 18 \div 28$$
$$= -9$$

165. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+', then which equation is true?

(a) 39 × 3 − 6 + 30 × 5 = 28

(b) 39 × 3 + 6 − 30 × 5 = 22

(c) 39 × 3 − 6 + 30 × 5 = 41

(d) 39 × 3 + 6 + 30 × 5 = 62

RRB JE - 26/06/2019 (Shift-III)

Ans. (c) : From option (c)

$$39 \times 3 - 6 + 30 \times 5 = 41$$

On changing the symbols,

$$39 \div 3 + 6 \times 30 \div 5 = 41$$
$$6 + 60 \div 5 = 41$$
$$66 \div 5 = 41$$
$$41 = 41 \text{ (LHS = RHS)}$$

166. If '×' means '÷', '÷' means '×', '+' means '−' and '−' means '+', then 3 − 15 × 10 + 6 × 6 = ?

(a) 39 (b) 45

(c) 33 (d) 41

RRB JE - 30/05/2019 (Shift-II)

Ans. (d) : Given,

$$3 - 15 \times 10 + 6 \times 6 = ?$$

On changing the symbols,

$$= 3 \div 15 \times 10 \div 6 \times 6$$
$$= 45 \div 2 \times 6$$
$$= 41$$

167. If '×' means '÷', '÷' means '−', '−' means '+' and '+' means '×', then 7 × 7 ÷ 7 − 7 + 7 × 7 = ?

(a) 14 (b) 49

(c) 1 (d) 7

RRB JE - 30/05/2019 (Shift-II)

Ans. (b) : Given,

$$7 \times 7 \div 7 - 7 + 7 \times 7 = ?$$

On changing the symbols,

$$= 7 \div 7 \times 7 + 7 - 7$$

$$= 49 + 7 - 7 = 49$$

168. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×', then 3 × 2 + 4 − 2 × 9 = ?

(a) 1 (b) 3

(c) −1 (d) −2

RRB JE - 02/06/2019 (Shift-I)

Ans. (b) : Given,

$$3 \times 2 + 4 - 2 \times 9 = ?$$

On changing the symbols,

$$= 3 \div 2 - 4 \times 9$$

$$= \frac{3}{2} - 4 \times 9$$

$$= 4 \times 2 - 4$$

$$= 8 - 9 = -1$$

169. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then 8 × 4 − 4 + 3 × 2 = ?

(a) 2 (b) 4

(c) 3 (d) −1

RRB JE - 02/06/2019 (Shift-II)

Ans. (a) : Given,

$$8 \times 4 - 4 + 3 \times 2 = ?$$

On changing the symbols,

$$= 8 \div 4 + 4 \times 3$$

$$= 2 + 4 \times 3$$

$$= 8 \times 3$$

170. If '×' means '÷', '÷' means '+', '+' means '−' And '+' means '×' then 42 × 6 + 7 + 8 + 9 − 3 =?

(a) 66 (b) 59

(c) 74 (d) 60

RRB JE - 02/06/2019 (Shift-III)

Ans. (d) : Given,

$$42 \times 6 + 7 + 8 + 9 - 3 = ?$$

On changing the symbols,

$$= 42 \div 6 \times 7 + 8 - 9 + 3$$

$$= 7 \times 7 + 8 - 9$$

$$= 49 + 8 - 9 = 48$$

171. If '×' means '÷', '÷' means '+' '+' means '−' then 15 − 3 × 10 + 5 × 6 = ?

(a) 39 (b) 32

(c) 7 (d) 40

RRB JE - 28/06/2019 (Shift-III)

Ans. (a) : Given,

$$15 - 3 \times 10 + 5 \times 6 = ?$$

On changing the symbols,

$$= 15 \div 2 + 10 \times 5 - 3$$

$$= 45 \div 2 + 5 = 30$$

172. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then 6 − 9 × 8 + 3 × 20 = ?

(a) −2 (b) 12

(c) 10 (d) 6

RRB JE - 27/06/2019 (Shift-I)

Ans. (c) : Given,

$$6 - 9 \times 8 + 3 \times 20 = ?$$

On changing the symbols,

$$= 6 \div 9 + 8 \times 3 - 20$$

$$= 6 \div 9 + \frac{8}{3} - 20$$

$$= 6 \div 24 - 20 = 10$$

173. If '×' means '÷', '÷' means '+', '+' means '−' and '−' means '×' then 32 × 4 − 8 + 4 × 3 = ?

(a) 4 (b) 3

(c) 6 (d) 7

RRB JE - 22/05/2019 (Shift-III)

Ans. (a) : Given,

$$32 \times 4 - 8 + 4 \times 3 = ?$$

On changing the symbols,

$$= 32 \div 4 + 8 - 4 \times 3$$

$$= 8 + 8 - 4 \times 3$$

$$= 16 - 12 = 4$$

174. If '×' means '÷', '÷' means '+' '+' means '−' and '−' means '×' then 5 − 5 × 5 + 5 = ?

(a) 5 (b) 20

(c) 25 (d) 26

RRB JE - 01/06/2019 (Shift-III)

Ans. (a) : Given,

$$5 - 5 \times 5 + 5 = ?$$

On changing the symbols,

$$= 5 \div 5 \times 5 + 5 = 10 \times 5 = ?$$

$$= 10 \times 5 = 5$$

Type - 3

175. Select the correct combination of mathematical signs that can sequentially replace * to balance the following equation.

20 * 4 * 4 * 2 * 14 * 18

(a) ÷, ×, ×, ×, + (b) ×, ×, ×, ×, +

(c) ×, ×, ×, ×, × (d) ×, ×, ×, ×, ÷

RRB Group-D - 17/08/2022 (Shift-II)

Ans. (d) : Given expression,

$$20 * 4 * 4 * 2 * 14 * 18$$

On changing the symbol as per option (d)-

$$20 \div 4 \times 4 \times 2 - 14 + 18$$

$$\boxed{\boxed{5} \times \boxed{2}}$$

176. If '÷' means '×', '×' means '+', '+' means '−', and '−' means '÷', then what would be the value of the following expression?

$(19 \div 96 \times 4 \times 12) \div 2$

(a) 202 (b) 231

(c) 155 (d) 191

RRB NTPC (Stage-II) - 03/08/2022 (Shift-II)

Ans. (c) : Given,

$$(19 \div 96 \times 4 \times 12) \div 2$$

$$(19 \times 96 \div 4 \times 12) \div 2$$

$$(\frac{19}{4} \times 96 \times 12) \div 2$$

$$(19 \times 96 \div 4 \times 12) \div 2$$

$$= (19 \times 96 \div 4 \times 12) \div 2$$

On changing the symbol as per question,

$= 110 - 96 + 4 \div 2 \times 2$

$= 110 - 24 = 86$

$= 75$

175. If '×' means '÷', '÷' means '×', and '%' means '+', then what would be the value of the following expression?

$37 \times 105 \div 3 + 5$

(a) 93 (b) 63

(c) 73 (d) 87

RRB NTPC (Stage-II)—16/06/2022 (Shift-II)

Ans. (d) : Given,

$\times \Rightarrow \div$

$\div \Rightarrow \times$

$\% \Rightarrow +$

On changing the symbol,

$37 \times 105 \div 3 + 5$

$= 37 \div 105 \times 3 + 5$

$= 37 \div 35 + 5$

$= 62 + 5$

$= 67$

176. Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

19* 3*4*2*4*13

(a) ÷, ×, ÷, ×, + (b) ×, ÷, ÷, ÷, ×

(c) ÷, ÷, ×, ÷, + (d) ×, ÷, ×, ÷, ×

RRB NTPC (Stage-II)—16/06/2022 (Shift-II)

Ans. (a) : On putting the signs from option (a),

$19 \div 3 \times 4 \div 2 \times 4 + 13$

$19 \div 12 \times 4 + 13$

$19 \div 13$

Hence, option (a) is correct.

177. Select the correct combination of mathematical signs that can sequentially replace the * and balance the given equation.

32 * 16 * 8 * 2 * 3 * 5 * 5

(a) ÷, ÷, ÷, ÷, ÷ (b) ÷, ÷, ÷, ÷, ×

(c) ÷, ÷, ÷, ×, × (d) ÷, ×, ÷, ×, ×

RRB Group-D- 30/09/2022 (Shift-I)

Ans. (a) : On putting the signs from option (a),

$32 \div 16 \div 8 \div 2 \div 3 \div 5 \div 5$

$16 \div 4 \div 20$

$20 \div 20$

Hence, option (a) is correct.

178. Select correct combination of mathematical signs to sequentially replace the @ signs and balance the following equation.

20 @ 7 @ 12 @ 4 @ 8

(a) ÷, ÷, ÷, ÷ (b) ×, ×, ×, ×

(c) ÷, ÷, ×, ÷ (d) ×, ×, ×, ÷

RRB Group-D- 29/08/2022 (Shift-I)

Ans. (b) : On putting the signs from option (a),

$20 \times 7 \times 12 \times 4 \times 8$

40×48

Hence, option (a) is correct.

179. If '+' means '−', '%' means '×', '÷' means '+', '×' means '÷', '−' means '+' and '&' means '÷', then which of the following equation is true?

(a) $(81 \div 9) \& 3 = (81 \times 3)$

(b) $(81 \div 9) \& 3 = (81 \div 3)$

(c) $(9 \times 25) \div (3 \& 5) = 1$

(d) $(15 \div 5) \& 3 = (60 \times 3)$

RRB NTPC 25.01.2021 (Shift-I) Stage-Ia

Ans. (d) : On putting the signs from option (d),

$(15 \div 5) \& 3 = (60 \times 3)$

$(15 \div 5) \div 3 = (60 \times 3)$

$15 \div 3 = 20 \times 3$

$5 = 15$

180. If '×' denotes '+', '+' denotes '−', '−' denotes '÷', '÷' denotes '×', '/' denotes '×', '×' denotes '÷' and '÷' denotes '×', then which of the following equation is correct?

(a) $7 \div 7 \times 7 - 7 = 14$ (b) $7 \times 7 \div 7 = 0$

(c) $7 \div 7 \times 7 = 0$ (d) $7 \div 7 \times 7 \times 7$

RRB NTPC 06.04.2021 (Shift-I) Stage-Ia

Ans. (a) : Given:

× ⇒ +	+ ⇒ −	− ⇒ ÷
÷ ⇒ ×	/ ⇒ ×	× ⇒ ÷
	× ⇒ ÷	

From options:

(a) $7 \times 7 \div 7 - 7 = 14$

On changing the sign, according to the question

$7 + 7 \div 7 + 14$

$21 = 14$

(b) $7 \times 7 \div 7 = 0$

On changing the sign

$7 + 7 \div 7 = 0$

$8 = 0$

(c) $7 \times 7 \div 7 = 0$

On changing the sign

$7 \times 7 \div 7 = 0$

$0 = 0$

(d) $7 \div 7 \times 7 \times 7 = 7$

On changing the sign

$7 \times 7 \div 7 \times 7 = 7$

$49 = 7$

It is clear that option (a) is correct.

181. If '÷' meaning '×', '×' meaning '÷', '+' meaning '−', '−' meaning '+' and '/' meaning '×' then find the true given equation?

(a) $6 \div 30 + 5 \times 20 - 12$

(b) $18 \times 6 \div 5 \times 6 \div 9 = 97$

(c) $6 \times 30 \div 5 \times 12 \div 3 = 90$

(d) $7 \times 18 \div 2 \times 12 \div 3 - 2 = 100$

RRB NTPC 09.04.2021 (Shift-II) Stage-Ia

Ans. (d) : From option (d),

$7 \times 18 \div 2 \times 12 \div 3 - 2 = 100$

On changing the symbol with signs,

$7 \div 18 \times 2 \div 12 \times 3 + 2 = 100$

$7 \times 0.12 \times 3 + 2 = 100$

$1.89 + 2 = 100$

$2.89 = 100$

$1.11 \times 0.13 \times$

So, option (d) is correct on interchange of signs.

184. If "×" means "÷" and "÷" means "×" then what will be the value of (8 × 7) ÷ 2 = ?

(a) 45 (b) 35

(c) 37 (d) 56

RRB Group-D – 29/09/2018 (Shift-I)

Ans. (a) : Given,

$$(8 \times 7) \div 2 = ?$$

On changing the symbols,

$$= (8 \div 7) \times 2$$

$$= \frac{8}{7} \times 2 = 37$$

185. If '×' means '÷' '÷' means '×' and '+' means '−' then the value of ((6 × 2) ÷ 8)) + 10 ?

(a) 9 (b) 1.6

(c) 1.5 (d) −1.5

RRB Group-D – 22/09/2018 (Shift-II)

Ans. (a) : Given,

$$((6 \times 2) \div 8)) + 10 = ?$$

On changing the symbols,

$$= ((6 \div 2) \times 8)) - 10$$

$$= (3 \times 8) - 10$$

$$= 15 - 10 = 5$$

186. If '×' means '÷' and (+) means × then the value of (((25+15))÷40)×1 ?

(a) 12 (b) 20

(c) 11 (d) 5

RPF SI 16.01.2019 Shift – I

Ans. (b) : Given,

$$(((25+15))\div 40)\times 1 = ?$$

On changing the symbols,

$$= \left(\left((25+15)\right) \div 40\right) \times 1$$

$$= (40 \div 40) \times 1$$

$$= 20 \times 1 = 20$$

187. If '×' means '÷', '÷' means '×' and '+' means '−' then the value of (15 × 12) + 3 ?

(a) 9 (b) 4

(c) 5 (d) 6

RRB Group-D – 27/09/2018 (Shift-III)

Ans. (d) : Given,

$$(15 \times 12) + 3 = ?$$

On changing the symbols,

$$= (15 \div 12) - 3$$

$$= \frac{5}{4} - 3$$

188. If '÷' means '+', '+' means '−', '@' means '×' and '−' means '÷' then the value of 19÷6@3@1−9 ?

(a) 34 (b) 35

(c) 38 (d) 36

RRB Group-D – 05/10/2018 (Shift-I)

Ans. (b) : Given,

$$19\div 6@3@1-9 = ?$$

On changing the symbols,

$$= 19 + 6 \times 3 \div 1 + 9$$

$$= 19 + 18 + 9$$

$$= 34$$

189. If '÷' means '+', '+' means '−', '@' means '×' And '−' means '÷' then the value of 24÷3@40@9 ?

(a) 39 (b) 37

(c) 43 (d) 40

RRB Ceasrable 19.01.2019 Shift : III

Ans. (c) : Given,

$$24\div 3@40@9 = ?$$

On changing the symbols,

$$= 24 + 3 \times 40 \div 9$$

$$= 24 + 3 \times 4 \div 9$$

$$= 24 + 24 \div 9$$

$$= 36$$

190. If '÷' means '×' '×' means '+' then the value of ((25 × 15)) + 4) × 120?

(a) 125 (b) 5

(c) 25 (d) 20

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (a) : Given,

$$((25 \times 15)) + 4) \times 120 = ?$$

On changing the symbols,

$$((25 \div 15)) + 4) \div 120$$

$$= (2.08) \div 4) \div 120$$

$$= 120 \div 4) \div 120$$

$$= 5 \div 120 = 125$$

191. If '×' means '÷' and '÷' means '×' then the value of ((((25 × 15)) × 4) × 120 ?

(a) 130 (b) 34

(c) 50 (d) 28

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (a) : Given,

$$((((25 \times 15)) \times 4) \times 120 = ?$$

On changing the symbols,

$$= ((((25 \div 15)) \div 4) \div 120$$

$$= ((40 \div 4) \div 120$$

$$= \frac{40}{4} \div 120 = 10 \div 120 = 130$$

192. If '×' means '÷', '÷' means '×' and '+' means '−' then the value of ((9×2)−3) + 4 ?

(a) 30 (b) 216

(c) 32 (d) 6

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (c) : Given,

$$((9\times 2)-3)+4 = ?$$

On changing the symbols,

$$= ((9 \div 2) + 3) - 4$$

$$= (4.5 + 3) - 4 = 32$$

193. If '@' means '÷', '%' means '−', '$' means '+' and '*' means '×' then the value of 28@ 4 $ 5 % 72 * 8 ?

(a) 30 (b) 32

(c) 40 (d) 31

RRB Ceasrable 19.01.2019 Shift : III

Ans. (b) : Given,

$$28@\ 4\ \$\ 5\ \%\ 72 * 8 = ?$$

On changing the symbols,

$$= 28 \div 4 + 5 - 72 \times 8$$

$$= 28 \div 4 + 5 - \frac{72}{8}$$

$$= 28 \div 28 + 9 - 40 = 32$$

194. If '×' means '÷' And '÷' means '×' then the value of ((8×6)) + 3 ?

(a) $\frac{16}{3}$ (b) 8 (c) 3 (d) 9

RRB Group-D – 16/11/2018 (Shift-II)

Ans. (a) : Given,

$$[(5\div 5)]\div 5\div 7$$

On changing the symbols,

$$[1\div 5]\div 5\div \frac{10}{7}$$

195. If × means ÷, ÷ means +, + means − and − means × then the value of 20 × 30 + 5 × 47

(a) 17 (b) 28

(c) 31 (d) 34

RRB Group-D : 09/11/2018 (Shift-II)

Ans. (b) : Given,

$$20\times 30+5\div 4-7$$

On changing the symbols,

$$=20\div 30-5\times 4$$

$$=20\div 6-20\div 2+11$$

196. If ÷ represents '×', '×' represents '−', '−' represents '÷', + represents '+', − represents '÷', × represents '−' and ÷ represents '×' then which statement is true ?

(a) $9\div 8+3\times 6$

(b) $9\times 7\div 7+6$

(c) $7\times 7\div 7+7\times 7+1$

(d) $7\times 2\div 7+7=14$

RRB NTPC 19.01.2017 Shift : III

Ans. (d) : From option (d) –

$$7\times 2\div 7+7=14$$

On changing the symbols,

$$7\div 7-7\times 7=14$$

$$7\times 7-1=14$$

$$49=14$$

Hence option (d) is correct.

197. If > means '×', < means '÷', + means '+', − means '−', # means '×', '×' means '>' and '÷' means '<' then which statement is true ?

(a) $18+7>2-6\times 3<2$

(b) $6\times 3+8\times 4-2<1$

(c) $9\times 6\times 3=7-4$

(d) $8+6\times 2=32\times 4<1$

RRB NTPC 19.01.2017 Shift : I

Ans. (a) : From option (a)

$$8\times 6+3=7\times 4$$

On changing the symbols according to the question,

$$8-6\times 3\div 7+4$$

$$=7\div 11$$

198. If '@' means ÷, '%' means ×, '$' means + and # means '/' then 16 % 6 @ 3 $ 72 # 8 = ?

(a) 23 (b) 27

(c) 29 (d) 31

RRB NTPC 10.04.2018 Shift : I

Ans. (b) : Given,

$$16\%6@3\$72\#8=?$$

On changing the symbols,

$$=16\times 6\div 3+72/8$$

$$=16\times 2+9$$

$$=36+9=27$$

199. If '×' means '÷', '÷' means '×', '+' means '−' And '$' means '/' then which is the value 27 × 81 $ 9 × 6 ?

(a) 6 (b) 30

(c) 36 (d) 54

RRB NTPC 11.04.2018 Shift : III

Ans. (b) : Given,

$$27\times 81\$9\times 6=?$$

On changing the symbols,

$$=27\div 81/9\times 6$$

$$=27\div 9\times 6$$

$$=27\div 3=30$$

200. If @ means '×', β means '÷', γ means '+', α means '−' then the value of 9 @ 6 γ 4 β 2 ? (a 3)

(a) 14 (b) −71/3

(c) 12 (d) −21/2

RRB NTPC 12.04.2018 Shift : II

Ans. (b) : Given,

$$9@6\gamma 4\beta 2\alpha 3=?$$

On changing the symbols,

$$=9\times 6\div 4+7\div 3$$

$$=\frac{9}{6}-4+7\div 3$$

$$=\frac{3}{2}-28\div 3$$

$$=\frac{3-56\times 2}{2}$$

$$=\frac{3-56}{2}=\frac{-75}{2}$$

201. If '×' stands for '÷', '÷' stands for '×', '+' stands for '−' and '−' stands for '+' then what will be the value of 27 × 81 ÷ 9 + 6 ?

(a) 12 (b) 32

(c) 39 (d) 39

RRB NTPC 16.04.2018 Shift : III

Ans. (c) : Given,

$$27\times 81\div 9+6=?$$

On changing the symbols,

$$=27\div 81\times 9-6$$

$$=27\div 9-6$$

$$=36-6=30$$

202. If '<' represents '−', '+' represents '÷', '>' represents '+', '−' represents '×', '×' represents '<', '÷' represents '>' then which statement is true ?

(a) $3>2+4\times 8\div 4<2$

(b) $3<2\div 4\times 9+3=2$

(c) $3<2\div 4\times 9\div 3<2$

(d) $3<2\div 4\div 18\div 3<2$

RPF SI 16.11.2019 Shift : II

Ans. (a) : From option (a),

$$3>2\div 4\times 8\div 4<2$$

On changing the symbols,

$$=3\div 2-4\times 8+4-2$$

$$=3-4+2-2$$

$$=3-0$$

Hence option (a) is correct. So there is no need to check other option.

393. If '×' stands for '+', '+' stands for '−', '−' stands for '×', '÷' stands for '−', '−' stands for '÷', '≤' stands for '≥', '≥' stands for '≤', then which of the following alternatives is correct?

(a) 3 × 6 ÷ 2 + 3 − 3 × 6 ÷ 3
(b) 2 × 3 − 6 × 2 + 2 ÷ 6
(c) 7 × 40 ÷ 6 × 1 ÷ 4
(d) 3 × 7 − 3 × 3 ÷ 2 ÷ 4

RRB NTPC 16.04.2016 Shift : 1

Ans. (b) : Given,

$4 \times 7 \div 5 \qquad 3 \times 7 \div 3$

$4 \times 5 \qquad 3 \times 7$

After changing the symbol, through the option,

(a) $3 \times 6 \div 2 + 3 - 3 \times 6 \div 3$
(a) $18 \div 6 \div 3$
(a) $17 \div 3$
(b) $2 \times 3 - 6 \div 2 + 6$
(c) $12 - 6 \div 6$
(c) $6 \div 6$
(c) $7 \times 40 \div 6 \times 1 \div 4$
(c) $-30 \div 4$
(d) $3 \times 7 - 3 \div 2 \div 4$
(a) $21 \div 4$

Hence option (b) is correct.

394. If '&' means '×', '$' means '−', '#' means '+' and '%' means '÷' then 9 % 3 & 11 $ 24 & 24 # 8 = ?

(a) −1 (b) −4.5
(c) 92 (d) 7

RRB Cuttack 20.01.2019 Shift : 1

Ans. (d) : Given,

$9 \% 3 \ \& \ 11 \$ 24 \ \& \ 24 \# 8 = ?$

On changing the symbols,

$9 \div 3 \times 11 - 24 \times 24 + 8$
$= 30 \times 11 - 24 \times 4$
$= 330 - 96 + 8$
$= 7$

395. If '&' means '×', '$' means '−', '#' means '+' and '%' means '÷' then the value of 9 % 3 & 22 $ 52 & 85 # 17 = ?

(a) 9 (b) 2
(c) −3 (d) 4

RRB NTPC 18.01.2017 Shift : 1

Ans. (b) : Given,

$9 \% 3 \ \& \ 22 \$ 52 \ \& \ 85 \# 17 = ?$

On changing the symbols,

$= 9 \div 3 \times 22 - 52 + 85 \div 17$
$= 27 \times 22 - 52 + 5$
$= 594 - 52 + 5$
$= \frac{537}{4} + 5 + 5$
$= 134 + 5 + 5$
$= 139 + 5$
$= 61$

Type - 4

397. Which two signs should be interchanged to make the following equation correct ?

33 + 4 × 21 + 3 − 17 = 122

(a) × and + (b) × and −
(c) + and × (d) + and −

RRB Group-D- 08/09/2022 (Shift-III)

Ans. (c) : Given,

$33 + 4 \times 21 + 3 - 17 = 122$

On interchanging the signs from option (c) (+ & ×)

$33 + 4 \times 21 + 3 - 17 = 122$
$132 + 7 - 17 = 122$
$132 = 122$
LHS = RHS

398. What will come in the place of the question mark (?) in the following equation, if '×' and '÷' are interchanged and also '+' and '−' are interchanged?

12 + 6 × 9 − 3 × 2 = ?

(a) 28 (b) 18
(c) 29 (d) 19

RRB Group-D 14-09-2022 (Shift-I)

Ans. (d) : According, to the question,

$12 + 6 \times 9 - 3 \times 2$

On interchanging the signs,

$12 + 6 \div 9 + 3 \times 2$
$18 \div 3 + 6$
$= 6 + 6$
$= 12$
$12 + 6 \times 9 - 3 \times 2$
On interchanging the signs,
$12 + 6 \div 9 + 3 \times 2$
$18 \div 3 + 6$
$= 6 + 6$
$= 12$

399. Which two numbers, from among the given options, should be interchanged to make the given equation correct?

21 × 9 + 99 − 81 × 5 = 3

(a) 9 and 81 (b) 21 and 81
(c) 21 and 5 (d) 9 and 5

RRB Group-D 27-09-2022 (Shift-III)

Ans. (b) : Given equation is-

$21 \times 9 + 99 - 81 \times 5 = 3$

According to the option (b),

On interchanging 21 and 81

$81 \times 9 + 99 - 21 \times 5 = 3$
$9 \times 99 - 105 = 3$
$891 - 105 = 3$
$3 = 3$
LHS = RHS

210. What will come in place of the question mark (?) in the following equation, if '+' is interchanged with '×' and '÷' is interchanged with '−'?

6 × 48 + 6 ÷ 8 − 8 × 2 + 7 = ?

(a) 1 (b) 0

(c) −1 (d) 23

RRB Group-D 23-08-2022 (Shift-II)

Ans. (b) : Given,

$$6 \times 36 + 6 \div 8 - 8 \times 2 + 7$$

Interchanged $\begin{bmatrix} (+ \rightarrow \times) \\ (\times \rightarrow +) \\ (\div \rightarrow -) \\ (- \rightarrow \div) \end{bmatrix}$

$\Rightarrow 6 \times 36 + 6 \div 8 - 8 \times 2 + 7$

$\Rightarrow 6 \times 36 + 6 \div 2 \div 7$

$\Rightarrow 6 \times 36 + 6 \div 7$

$\Rightarrow 37 \div 36$

$\Rightarrow 1$

211. Which of the following interchanges of signs would make the given equation correct?

4 × 30 + 8 ÷ 3 ÷ 2 = 6

(a) ÷, − (b) ÷, +

(c) ×, − (d) ×, +

RRB Group-D 30-08-2022 (Shift-III)

Ans. (b) : Given equation,

$$4 \times 30 + 8 \div 3 \div 2 = 6$$

On interchanging the signs according to the option (c),

$4 \times 30 + 8 \div 3 - 2 = 6$

$4 \times \frac{30}{8} + 3 - 2 = 6$

$5 + 3 - 2 = 6$

$6 = 6$

Hence, option (a) is correct.

212. Which of the following interchanges of numbers would make the given equation correct?

7 × 18 + 6 ÷ 3 − 2 = 10

(a) 6, 18 (b) 2, 6

(c) 3, 7 (d) 3, 6

RRB Group-D 30-08-2022 (Shift-III)

Ans. (c) : Given,

$$7 \times 18 + 6 \div 3 - 2 = 10$$

On interchanging the numbers from option (c),

$7 \times 18 + 6 \div 3 - 2 = 10$

$\downarrow$

$3 \times 18 + 6 \div 7 - 2 = 10$

$9 \div 7 - 2 = 10$

$10 = 10$, (LHS = RHS)

213. Which two numbers should be interchanged to make the given equation correct?

13 + 13 × 14 − 14 × 7 = 44

(a) 13 and 13 (b) 13 and 7

(c) 14 and 13 (d) 14 and 11

RRB Group-D 24-08-2022 (Shift-I)

Ans. (c) : Given,

$$13 + 13 \times 14 - 14 \times 7 = 44$$

On interchanging '13' and '13' from option (c),

L.H.S. = 13 + 13 × 5 − 14 × 7

= 13 + 13 − 2

= 46 − 2

L.H.S. = 44 = R.H.S.

214. Which two numbers should be interchanged to make the given equation correct?

7 × 8 + 9 − 6 ÷ 3 = 50

(a) 7 and 6 (b) 8 and 9

(c) 7 and 3 (d) 6 and 9

RRB Group-D 19-08-2022 (Shift-I)

Ans. (d) : Given,

$$7 \times 8 + 9 - 6 \div 3 = 50$$

On interchanging the numbers, from option (d),

$7 \times 8 + 6 - 9 \div 3 = 50$

$56 + 6 - 3 = 50$

$59 - 9 = 50$

L.H.S. = R.H.S.

215. Which two numbers from amongst the given options should be interchanged to make the given equation correct?

87 × (22 + 369 − 1) ÷ 2 = 780

(a) 369 and 2 (b) 22 and 1

(c) 87 and 2 (d) 87 and 1

RRB Group-D 28-09-2022 (Shift-III)

Ans. (b) : The given equation is –

$$87 \times (22 + 369 - 1) \div 2 = 780$$

According to the option (b), on interchanging the numbers 22 and 1,

$87 \times (1 + 369 - 22) \div 2 = 780$

$87 \times (1 + 369 - 6) = 780$

$(1 + 369 - 6) = 780$

$780 - 6 = 780$

$780 = 780$

L.H.S = R.H.S.

216. Which two signs should be interchanged to make the following equation correct?

[(15 × 3) − (4 × 2)] + (4 − 6)] × 5 = 10

(a) × and ÷ (b) × and +

(c) × and + (d) + and −

RRB Group-D 29-09-2022 (Shift-II)

Ans. (d) : Given,

$$[(15 \times 3) - (4 \times 2)] + (4 - 6)] \times 5 = 10$$

On interchanging the '×' and '+' sign, from option (d),

L.H.S = [(15 × 3) + (4 × 2)] − (4 + 6)] × 5

= [(15 × 3) + (8)] − 5

= [(3) + 10] × 5

= 2 × 5

L.H.S = 10 = L.H.S = R.H.S.

Hence, option (d) is correct answer.

217. From the given options, which two numbers should be interchanged so that the value of 'y' becomes 19 ?

6 × 4 − 5 + 9 ÷ 3 = y

(a) 7 and 3 (b) 4 and 3

(c) 6 and 9 (d) 9 and 3

RRB NTPC (Stage-II) - 12/06/2022 (Shift-I)

Ans. (b) : From option (b) on interchanging 4 and 3,

6 × 4 − 5 + 9 ÷ 3 = y (Given)

6 × 3 − 4 + 9 ÷ 3 = y (Interchanging numbers)

18 − 4 + 3 = y

14 − 4 = y

y = 10

218. Which two signs and numbers need to be interchanged to make the following equation correct?

2 + 8 − 5 × 6 ÷ 6 = 3

(a) +, −, 8, 2, 5 (b) +, −, 6, 6, 5

(c) +, −, 6, 6, 5 (d) +, −, 8, 2, 6

RRB NTPC (Stage-II) - 13/06/2022 (Shift-I)

Ans. (a) : The given equation-

2 + 8 − 5 × 6 ÷ 6 = 3

On changing the signs and numbers according to the option (a)

2 + 6 × 2 − 8 ÷ 6 = 3

2 + 6 − 8 = 3

8 − 3

3.333 = 0.333

219. Which two signs should be interchanged to make the equation correct?

12 × 3 − 4 + 6 ÷ 2 = 20

(a) × and + (b) × and −

(c) + and − (d) ÷ and +

RRB NTPC (Stage-II) - 14/06/2022 (Shift-I)

Ans. (d) : Given,

12 × 3 − 4 + 6 ÷ 2 = 20

On interchanging the signs × and ÷ from option (d),

12 ÷ 3 − 4 + 6 × 2 = 20

⇒ 4 − 4 + 6 × 2 = 20

⇒ 20 = 20

⇒ 1.10.6 = 0.10.6

220. Which two numbers should be interchanged to make the following equation correct?

12 × 7 − (8 × 6 − 5) ÷ 11 = 84

(a) 12 and 11 (b) 8 and 11

(c) 5 and 12 (d) 8 and 7

RRB Group-D - 16/09/2022 (Shift-II)

Ans. (a) : Given,

12 × 7 − (8 × 6 − 5) ÷ 11 = 84

On interchanging the number from option (a) 12 and 11,

11 × 7 − (8 × 6 − 5) ÷ 12 = 84

11 × 7 − (48 − 5) ÷ 12 = 84

77 − 43 ÷ 12 = 84

34 ÷ 36 = 84

94 = 84

(2.166) = (0.833)

221. What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and also '×' and '÷' are interchanged?

15 − 6 × 4 + 30 ÷ 5 = ?

(a) 40 (b) 39

(c) 48 (d) 42

RRB Group-D 24-08-2022 (Shift-I)

Ans. (a) : Given,

15 − 6 × 4 + 30 ÷ 5

(+ and −) (interchanged)

(× and ÷)

On interchanging the signs

15 + 6 ÷ 4 − 30 × 5 = 15 + 32 − 6

= 47 − 6

= 41

222. If the position of the digit '5' is interchanged with the position of the digit '4' and the position of the digit '7' is interchanged with the position of the digit '3', then what is the value of the given expression?

47 + 36 − 6 ÷ 2 = ?

(a) 12 (b) 7

(c) 3 (d) 23

RRB Group-D - 26/08/2022 (Shift-I)

Ans. (a) : Given,

47 + 36 − 6 ÷ 2 = ?

2 + 6

8 + 4

On interchanging the position of digits we get,

Now, from question

27 + 36 − 6 ÷ 5

= 27 + 6 ÷ 5

= 33 + 20

= 23

Hence, option (a) is correct

223. Which of the following two numbers should be interchanged to make the following equation correct ?

13 × 7 + 9 − 14 = 44

(a) 13 and 14 (b) 13 and 7

(c) 7 and 9 (d) 9 and 13

RRB Group-D - 08/09/2022 (Shift-II)

Ans. (d) : Given,

13 × 7 + 9 − 14 = 44

On interchanging the numbers from option (d), (9 & 13)

13 × 9 + 7 − 13 − 14 = 44

63 + 13 − 14 = 44

44 = 44

Hence, option (d) is correct

224. Which of the following interchanges of numbers would make the given equation correct ?

18 × 6 + 4 + 14 − 24 = 30

(a) 6, 4 (b) 18, 4

(c) 18, 30 (d) 18, 24

RRB Group-D - 09/09/2022 (Shift-II)

Ans. (b) : Given,

$$10 \div 4 \times 4 \times 14 - 28 = 30$$

On interchanging the numbers from option (a) (10 & 30),

$$30 \div 4 \times 4 \times 14 - 28 = 10$$
$$30 \div 14 - 24 = 40$$
$$30 - 18 = 10$$
$$30 = 10$$

Hence, option (a) is correct.

215. What will be the value of the given expression if + and ? are interchanged and also '×' and '÷' are interchanged?
$63 \times 3 - 4 \div 18 = ?$

(a) 78 (b) 86
(c) 48 (d) 66

RRB Group-D– 09/09/2022 (Shift-II)

Ans. (b) : Given,

$$63 \times 3 - 4 \div 18 = ?$$

Now,
After interchanging the number and signs we get-

$$4 \div + ?$$
$$\div \times +$$
$$63 \div 3 - 7 \times 18 \div 4$$
$$21 - 7 \times 72$$
$$63 - 7$$
$$86$$

Hence, option (b) is correct.

216. Which of the following interchanges of numbers would make the given equation correct?
$8 \times 18 \div 9 \times 22 - 10 = 28$

(a) 8, 18 (b) 22, 28
(c) 22, 10 (d) 9, 28

RRB Group-D– 05/09/2022 (Shift-III)

Ans. (b) : Given,

$$8 \times 18 \div 9 \times 22 - 10 = 28$$

On interchanging the numbers from option (b), (22 & 28)

$$8 \times 18 \div 9 \times 28 - 10 = 22$$
$$40 - 10 = 22$$
$$22 = 22$$

Hence, option (b) is correct.

217. Which of the following interchanges of numbers would make the given equation correct?
$28 \div 8 \times 2 \times 28 - 11 = 24$

(a) 24, 28 (b) 11, 24
(c) 2, 8 (d) 8, 28

RRB Group-D– 01/09/2022 (Shift-I)

Ans. (b) : Given,

$$28 \div 8 \times 2 \times 28 - 11 = 24$$

On interchanging the numbers from option (b), (11 & 24)

$$28 \div 8 \times 2 \times 28 - 24 = 11$$
$$28 - 24 = 11$$
$$11 = 11$$

Hence, option (b) is correct.

218. Which two signs should be interchanged to make the following equation correct?
$12 \div 6 \times 12 - 4 \div 3 = 4$

(a) × and ÷ (b) + and –
(c) + and × (d) ÷ and +

RRB Group-D– 02/09/2022 (Shift-III)

Ans. (b) : Given,

$$12 \div 6 \times 12 - 4 \div 3 = 4$$

After interchanging the signs from option (b), (+ & –)

$$12 \div 6 - 12 \times 4 \div 3 = 4$$
$$12 \div 6 - 3 \div 3 = 4$$
$$4 = 4$$

Hence, option (b) is correct.

219. What will come in place of the question mark (?) in the following equation, if '÷' and '×' are interchanged and also '+' and '–' are interchanged?
$19 \times 5 \div 144 \div 12 + 13 - 45 \div 9 \times 12 = ?$

(a) 18 (b) 28
(c) 38 (d) 22

RRB Group-D– 06/09/2022 (Shift-III)

Ans. (a) : Given,

$$19 \times 5 \div 144 \div 12 + 13 - 45 \div 9 \times 12 = ?$$
$$\div \times + - \times \div$$

On interchanging the symbols we get-

$$19 \div 5 \times 144 \times 12 - 13 + 45 \div 9 \times 12$$
$$19 \div 5 \times 12 \times 13 + 5 \times 12$$
$$= 19 \div 5 \times 156 + 5 \times 12$$
$$= 19 \div 5 \times 97$$
$$= 18$$

Hence, option (a) is correct.

220. What will come in the place of the question mark (?) in the following equation, if '×' and '÷' are interchanged and also '+' and '–' are interchanged?
$19 \times 3 \div 18 \times 2 \div 36 \times 6 - 4 = ?$

(a) 60 (b) 64
(c) 62 (d) 67

RRB Group-D– 26/08/2022 (Shift-III)

Ans. (b) : Given,

$$19 \times 3 \div 18 \times 2 \div 36 \times 6 - 4$$
$$\div \times + -$$
$$\times \div \div +$$

After interchanging the symbol we get-

$$19 \div 3 \times 18 \times 2 \div 36 \times 6 + 4$$
$$= 19 \div 3 \times 12 \times 6$$
$$= 64$$

Hence, option (b) is correct.

221. Which two signs should be interchanged to make the following equation mathematically correct?
$68 - 23 \times 19 \div 11 \times 12 = -104$

(a) × and ÷ (b) + and –
(c) ÷ and + (d) – and ÷

RRB Group-D– 31/08/2022 (Shift-II)

Ans.(a) (Given,

$$60 - 25 + 10 \div 11 \times 12 = -114$$

After interchanging the symbols from option (a),

$$60 + 25 \times 10 - 11 \div 12 = -114$$

$$= 2 + 10 - 132 = -114$$

$$= 10 - 132 = -114$$

$$= -116 = -114$$

Hence, option (a) is correct.

232. What will come in the place of the question mark (?) in the following equation if '×' and '÷' are interchanged and also '+' and '−' are interchanged?

16 + 192 × 16 − 2 × 8 = ?

(a) 8 (b) 6

(c) 4 (d) 2

RRB Group-D– 26/08/2022 (Shift-II)

Ans.(a) (Given,

$$16 + 192 \times 16 - 2 \times 8 = ?$$

On interchanging the signs according to the question,

$$? = 16 - 192 \div 16 + 2 \times 8$$

$$? = 16 - 6 + 2 \times 8$$

$$? = 10 \times 8 = 6$$

$$? = 16 - 8$$

$$? = 8$$

Hence, option (a) is correct answer.

233. What will come in place of the question mark (?) in the following equation, if '×' is interchanged with '÷', and '−' is interchanged with '+'?

100 × 121 + 11 ÷ ? − 24 − 8 × 33 + 99 × 17 = ?

(a) 88 (b) 100

(c) 181 (d) 90

RRB Group-D– 17/08/2022 (Shift-I)

Ans.(b) (Given equation is –

$$100 \times 121 + 11 \div ? - 24 - 8 \times 33 + 99 \times 17 = ?$$

$$100 \div 121 + 11 \times ? + 24 + 8 \times 33 - 99 \times 17$$

On interchanging the symbols,

$$100 \div 121 + 11 \times ? + 24 + 8 \times 33 - 99 \times 17$$

Ans. (a) : Given,

$$24 \times 6 \div 9 - 3 + 2 = ?$$

$$\begin{bmatrix} \times \div \div - \\ + \times \div - \end{bmatrix}$$

On interchanging the signs,

$$24 \div 6 \times 9 + 3 - 2$$
$$4 \times 9 + 3 - 2$$
$$36 + 1 = 37$$

239. Which of the following interchanges of numbers would make the given equation correct?

$6 \div 48 \times 8 + 2 - 9 = 11$

(a) 2, 3 (b) 2, 6

(c) 8, 48 (d) 3, 6

RRB Group-D– 10/09/2022 (Shift-1)

Ans. (b) : Given,

$$6 \div 48 \times 8 + 2 - 9 = 11$$

On interchanging the numbers, from option (b),

$$2 \div 48 \times 8 + 6 - 9 = 11$$
$$2 \div 6 \times 8 + 6 - 9 = 11$$
$$36 \div 8 = 11$$
$$11 = 11$$
$$(L.H.S = R.H.S)$$

240. What will come in the place of '?' in the following equation, if '×' and '÷' are interchanged and also '+' and '−' are interchanged?

$45 \div 27 \times 3 + 36 - 12 = ?$

(a) 130 (b) 95

(c) 111 (d) 109

RRB Group-D– 10/09/2022 (Shift-1)

Ans. (d) : Given,

$$45 \div 27 \times 3 + 36 - 12$$

$$\begin{bmatrix} \div \times + - \\ \times \div + - \end{bmatrix}$$

On interchanging the signs,

$$45 \times 27 \div 3 - 36 + 12$$
$$1215 \div 36 + 12$$
$$=45 + 36$$
$$= 111$$

241. What will come in the place of the question mark (?) in the following equation if '×' and '÷' are interchanged and also '+' and '−' are interchanged?

$28 \div 140 \times 4 + 16 \div 2 = ?$

(a) 38 (b) 40

(c) 58 (d) 25

RRB Group-D– 10/09/2022 (Shift-1)

Ans. (a) : Given expression,

$$28 \div 140 \times 4 + 16 \div 2$$

$$\begin{bmatrix} \div \times + - \\ \times \div + - \end{bmatrix}$$

On interchanging the signs,

$$28 \times 140 \div 4 - 16 + 2$$
$$28 \times 42 \div 20$$
$$56 \div 20$$
$$= 38$$

242. What will come in place of the question mark (?) in the following equation, if '÷' and '×' are interchanged and also '+' and '−' are interchanged ?

$13 + 7 \times 132 \div 11 + 23 - 512 \div 2 + 122 = ?$

(a) 190 (b) 200

(c) 165 (d) 195

RRB Group-D– 09/09/2022 (Shift-1)

Ans.(a) : Given,

$$13 + 7 \times 132 \div 11 + 23 - 512 \div 2 + 122$$

$$\div + \times - \div + \times -$$

On interchanging the signs,

$$13 \div 7 \times 132 \times 11 - 23 + 512 \times 2 - 122$$
$$\Rightarrow 12 - 23 + 256 - 122$$
$$147 - 137 = 190$$

243. Interchanging which two sign will make the following equation correct

$(45 \div 4 \times 16) + 23) \times 9 = 6$?

(a) multiplication and addition

(b) subtraction and division

(c) addition and subtraction

(d) division and multiplication

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (c) Given,

$$(45 \div 4 \times 16) + 23) \times 9 = 6$$

On changing addition and subtraction symbols from option (c)-

$$=(45 \div 4 \times 16) - 23) \times 9 = 6$$
$$=(179 - 23) \times 9 = 6$$
$$=156 \times 9 = 6$$
$$6 = 6 \ (L.H.S = R.H.S)$$

244. Interchanging which two sign will make the following equation $9 \times 40 - 15 + 31 \div 41 = 8$?

(a) ÷ and + (b) × and ÷

(c) × and + (d) × and −

RRB NTPC 28.04.2016 Shift : 1

Ans. (a) Given,

$$9 \times 40 - 15 + 31 \div 41 = 8$$

On interchanging the symbols from option (a),

$$9 \times 40 \div 15 + 31 - 41 = 8$$
$$24 \div 31 - 41 = 8$$
$$9 = 9 \ (L.H.S = R.H.S)$$

245. If '÷' and '×' signs as well as '2' and '4' are interchanged, then which of the one following is correct?

(a) $4 \div 2 * 6 = 1.5$ (b) $2 \div 4 * 6 = 6$

(c) $2 \div 6 * 5 = 4$ (d) $6 \div 2 * 3 = 4$

RRB NTPC 16.04.2016 Shift : 1

Ans. (b) In all the options ÷ and '×' and the numbers 2 and 4 mutually change

From option (a),

$$4 \div 2 * 6 = 1.5$$

$-2 \div 4 \times 6 \div \frac{2}{2} \times 6 = 192 \div 6.3$ (False)

From option (b) $2 \times 6 \div 6 = 4$

$= 4 \div 2 \times 6 \div 2 \times 6 = 9$ (True)

Hence option (b) is correct.

246. Interchanging which two sign will make the following equation correct

$8 \times 15 \div 5 - 20 + 4 = 77$

(a) × and ÷ (b) ÷ and +

(c) ÷ and + (d) + and ×

RRB NTPC 30.04.2016 Shift : 3

Ans. (c) : Given,

$8 \times 15 \div 5 - 20 + 4 = 77$

On interchanging the signs from option (c),

$8 \times 15 \div 5 - 20 + 4 = 77$

$8 \times 15 \div 5 - 5 = 77$

$24 \times 5 - 5 = 77$

$77 = 77$

Hence, option (c) is correct.

247. Interchanging which two sign will make the following equation correct

$42 \times 7 \div 3 \div 46 = 2$

(a) × And ÷ (b) ÷ And ×

(c) + And ÷ (d) ÷ And +

RRB NTPC 28.04.2016 Shift : 3

Ans. (b) : Given,

$42 \times 7 \div 3 \div 46 = 2$

On interchanging the signs from option (b),

(a) $42 \div 7 \times 3 \div 46 = 2$

(b) $6 \times 3 \div 46 = 2$

(c) $46 \div 46 = 2$

(d) $2 = 2$

(e) L.H.S. = R.H.S.

Hence option (b) is correct answer.

248. Interchanging which two sign will make the following equation correct

$8 \times 36 - 9 \times 31 + 40 = 10$

(a) × And − (b) × And ÷

(c) ÷ And + (d) + And −

RRB NTPC 28.04.2016 Shift : 3

Ans. (a) Given,

$8 \times 36 - 9 \times 31 + 40 = 10$ (Basic equation)

On interchanging the signs from option (a),

(a) $8 \times 36 \div 31 - 40 = 10$

(b) $8 \times 4 - 10 = 10$

(c) $10 = 10$

L.H.S. = R.H.S.

Hence option (a) is correct answer.

249. Interchanging which two sign will make the following equation correct

$72 \times 9 \div 3 \div 2 = 40$

(a) × And ÷ (b) × And +

(c) ÷ And + (d) + And −

RRB NTPC 28.04.2016 Shift : 3

Ans. (b) : Given,

$72 \times 9 \div 3 \div 2 = 40$

From option (b),

When × and ÷ are interchanged

$72 \div 9 \times 3 \div 2 = 40$

$8 \times 3 \div 2 = 40$

$24 \div 2 = 40$

$40 = 40$

L.H.S. = R.H.S.

250. Interchanging which two sign will make the following equation correct

$5 \div 9 \times 27 + 9 \times 3 = 3$

(a) ÷ and × (b) × and +

(c) − and ÷ (d) ÷ and −

RRB Constable 20.11.2019 Shift : 1

Ans. (d) : Given,

$5 \div 9 \times 27 + 9 \times 3 = 3$

On interchanging the signs from option (d)

$5 \times 9 \div 27 + 9 \times 3 = 3$

$27 \div 27 + 3 = 3$

$30 \div 27 = 3$

$3 = 3$

251. Interchanging which two sign will make the following equation correct

$18 \div 9 \times 3 - 74 \times 2 = 5$

(a) × and − (b) ÷ and ×

(c) × and ÷ (d) − and ÷

RRB NTPC 26.04.2016 Shift : 2

Ans. (c) : Given,

$18 \div 9 \times 3 - 74 \times 2 = 5$ (Basic equation)

On interchanging × and ÷ from option (c),

$18 \times 9 \div 3 - 74 \times 2 = 5$

$18 \times 9 \div 3 - 37 = 5$

$18 \times 27 \div 3 = 5$

$42 \div 3 = 5$

$5 = 5$

252. Interchanging which two sign will make the following equation correct?

$16 \times 4 \div 2 - 21 \times 7 = 21$

(a) × and ÷ (b) ÷ and ×

(c) − and ÷ (d) ÷ and +

RRB NTPC 26.04.2016 Shift : 1

Ans. (d) : Given,

$16 \times 4 \div 2 - 21 \times 7 = 21$

On interchanging ÷ and × signs from option (d),

(a) $16 \times 4 \div 2 - 21 \times 7 = 21$

(b) $16 \times 4 \div 2 - 3 = 21$

(c) $16 \times 2 - 3 = 21$

$21 = 21$

253. Interchanging which two sign will make the following equation correct

$42 \div 6 \times 3 + 6 = 29$

(a) × and ÷ (b) ÷ and −

(c) − and ÷ (d) + and ×

RRB NTPC 26.04.2016 Shift : 1

Ans. (d) : Given,

$42 \div 6 \times 3 + 6 = 29$

On solving by interchanging + and ÷ from option (d),

$42 \div 4 \times 2 - 3 \times 3 = 28$

$42 \div 2 \times 3 \div 9 = 28$

$42 \div 3 \times 18 = 28$

$46 \div 18 = 28$

$28 = 28$

214. If "+" and "×" signs as well as "3" and "2" are interchanged, then which of the one following is correct?

(a) $4 \times 2 + 3 = 30$ (b) $14 \div 3 \times 2 = 8$

(c) $4 \div 2 \times 14 \div 3$ (d) $2 \div 3 \times 4 = 14$

IBPS AI 16.01.2019 Shift : III

Ans. (a) Given,

On interchanging "+" and "×", 3 and 2 from options

(a) $4 \div 2 + 3 = 30$

$4 \times 3 + 2 = 30$

(a) $30 = 30$ (×)

(b) $14 \div 3 \times 2 = 30$

$14 \times 2 \div 3 = 8$

(c) $11 = 8$ (×)

(c) $4 \div 2 \times 14 = 3$

$4 \times 3 \div 14 = 2$

(c) $26 = 2$ (×)

(d) $2 \div 3 \times 4 = 14$

$3 \times 2 \div 4 = 14$

(c) $19 = 14$ (×)

Hence, option (a) is correct.

215. If "÷" and "×" signs as well as "+" and "−" are interchanged, then which of the value is

$27 - 18 \div 84 + 6 \times 15$?

(a) 43 (b) 260

(c) −179 (d) 229

RRB NTPC 28.04.2016 Shift : I

Ans. (d) Given,

$27 - 18 \div 84 + 6 \times 15$

On interchanging the mathematical symbols,

(a) $27 + 18 \times 84 \div 6 - 15$

(b) $27 + 18 \times 84 - 15$

(c) $27 + 216 \div 15$

(d) $237 - 15$

(e) 224

216. If sign "÷" as well as "+" and "3" and "4" are interchanged, then which of the following is correct?

(a) $3 \div 4 \times 2 = 1$ (b) $4 \div 3 \times 4 = 2$

(c) $6 \div 2 \times 4 = 1$ (d) $3 \times 2 \div 4 = 1$

RRB NTPC 22.04.2016 Shift : III

Ans. (b) From options,

$6 \div 2 \times 4 = 1$

On interchanging the signs and numbers,

$= 6 \times 2 \div 4$

$= 3 \times 2 = 4$

$\Rightarrow \boxed{3 \neq 4}$

217. If "×" and "+" signs as well as "4" and "3" are interchanged, then which of the value is $2 + 9 \times 4 - 3 \div 1$?

(a) 31 (b) 13

(c) 15 (d) 17

RRB NTPC 22.04.2016 Shift : III

Ans. (b) Given,

$2 + 9 \times 4 - 3 \div 1$

On interchanging the symbol and number according to the questions,

$= 2 + 9 \times 3 \div 4 - 1$

$= 2 + 3 \times 4 - 1$

$= 2 + 12 - 1$

$= 14 - 1 = 13$

218. If "−" and "÷" signs as well as "7" and "3" are interchanged, then which one of the following is correct?

(a) $20 \div 3 - 7 = 5$ (b) $1 \div 20 - 7 = 20$

(c) $3 - 7 \div 1 = 20$ (d) $20 - 3 \div 1 = 7$

RRB NTPC 22.04.2016 Shift : II

Ans. (c) On interchanging the signs and numbers according to the options,

(a) $20 \div 3 - 7 = 5$

On interchanging the digits and signs,

$20 \div 3 + 7$

$19 + 3 = 7$

(b) $1 \div 20 - 7 = 20$

On interchanging the digits and signs,

$1 - 20 \div 3 = 20$

$-19 \neq 20$

(c) $3 - 7 \div 1 = 20$

On interchanging the digits and signs,

$7 \div 3 - 1 = 20$

$21 - 1 = 20$

$20 = 20$

L.H.S. = R.H.S.

Hence, option (c) is correct.

219. Interchanging which two signs will make the following equation correct?

$15 \div 3 \times 9 - 4 \div 16 = 57$

(a) − and + (b) ÷ and ×

(c) × and ÷ (d) + and ×

RRB NTPC 22.04.2016 Shift : II

Ans. (d) Given,

$15 \div 3 \times 9 - 4 \div 16 = 57$

On interchanging the signs from option (c),

$15 \times 3 \div 9 + 4 \times 16 = 57$

$15 \times 3 \div \frac{1}{4} = 57$

$15 \times 27 \div \frac{1}{4} = 57$

$\Rightarrow 12 \div \frac{1}{9} = 57$

From option (b) $\Rightarrow 15 \div 3 \times 9 + 4 \div 16 = 57$

$15 \div 3 \times \frac{9}{4} + 16 = 57$

$15 \div \frac{27}{4} + 16 = 57$

$\Rightarrow 1 \div \frac{27}{4} = 57$

From option (a) : $15 \div 3 - 9 \times 4 \times 16 = 57$

$$15 \div 3 - 9 \times \frac{3}{4} = 57$$

$$16 - \frac{9}{4} = 57$$

From option (d) : $15 \div 3 \times 9 - 4 \div 16 = 57$

$$5 \times 9 - 4 \div 16 = 57$$

$$45 - 1/4 = 57$$

$$57 = 57$$

260. If signs – and ×, and numbers 5 and 14 are interchanged, then the value of 5 × 4 + 2 – 9 ÷ 14 is.

(a) 13 (b) 20

(c) 23 (d) 30

RRB NTPC 22.04.2016 Shift : II

Ans. (c) : Given,

$$5 \times 4 + 2 - 9 \div 14$$

On interchanging symbols – and × and the number 5 and 14,

$$14 \div 4 \times 2 + 9 - 5$$

From BODMAS rules-

$\Rightarrow$ $14 \div 2 + 9 - 5$

$\Rightarrow$ $14 + 14 - 5$

$\Rightarrow$ $28 - 5$

$\Rightarrow$ 23

261. If signs – and + are interchanged, then the value of 20 – 2 × 1 × 6 ÷ 6 ?

(a) 17 (b) 20

(c) 8 (d) 19

RRB Controller 20.01.2019 Shift : III

Ans. (b) : Given,

$$20 - 2 \times 1 \times 6 \div 6 = ?$$

On interchanging the signs,

$= 20 + 2 \times 1 \times 6 \div 6$

$= 20 + 6 \div 6$

$= 23 \div 6$

$= 20$

262. In the following equation, if the mathematical operators '×' and '÷' are interchanged then the value of 4 – 6 × 3 × 15 = ?

(a) 24 (b) 20

(c) –9 (d) –4

RRB NTPC 06.04.2016 Shift : II

Ans. (b) : Given,

$$4 - 6 \times 3 \times 15 = ?$$

On interchanging the symbols,

$= 4 + 6 \div 3 \div 15 \times 3$

$= 4 + 6 \div 1 \times 3$

$= 10 \div 1 \times 3$

$= 30 \times 3$

$= 20$

263. Interchanging which two signs will make the following equation correct?

3.5 + 4 × 7 – 8 ÷ 1 = 6

(a) × and – (b) × and ÷

(c) – and + (d) + and –

RRB NTPC 07.04.2016 Shift : II

Ans. (d) : Given equation,

$$3.5 + 4 \times 7 - 8 \div 1 = 6$$

On interchanging the signs from options,

On taking option (a):

$$3.5 + 4 \div 7 \times 8 \div 1 = 6$$

$$\Rightarrow 4.48 \div 8 = 6$$

On taking option (b),

$$3.5 + 4 \div 7 - 8 \times 1 = 6$$

$$\Rightarrow \frac{3.5}{4} + 7 - 8 = 6$$

$$\Rightarrow \frac{3.5 + 28}{4} - 8 = 6$$

$$\Rightarrow \frac{3.5}{4} - 8 = 6$$

On taking option (c),

$$3.5 + 4 \times 7 - 8 \div 1 = 6$$

$$\Rightarrow 13.5 - 28 \div 8 = 6$$

$$\Rightarrow -14.5 = 6$$

On taking option (d),

$$3.5 + 4 \times 7 \div 8 - 1 = 6$$

$$\Rightarrow 3.5 + 3.5 - 1 = 6$$

$$\Rightarrow 7 - 1 = 6$$

$$\Rightarrow \boxed{6 = 6}$$

Hence option (d) is correct.

264. Which one of the following interchanges in signs and numbers would make the given equation correct?

3 + 5 – 2 = 4

(a) + And ÷, 2 And 5

(b) + And ÷, 3 And 4

(c) + And ÷, 2 And 4

(d) + And ÷, 3 And 5

RRB NTPC 06.04.2016 Shift : III

Ans. (d) : Given,

$$3 + 5 - 2 = 4$$

You can correct the given equation by changing the given symbols and number.

From option (d),

$\Rightarrow$ $5 \div 3 - 2 = 4$

$\Rightarrow$ $2 - 2 = 4$

$\Rightarrow$ $4 = 4$

265. Which one of the following interchanges in signs would make the given equation correct?

16 – 24 × 2 ÷ 10 + 104 = 0

(a) – And + (b) + And ÷

(c) – And ÷ (d) + And –

RRB NTPC 16.01.2017 Shift : I

Ans. (a) From option (a),

$$16 - 24 \times 2 \div 10 + 104$$

On interchanging the symbols,

$= 16 - 24 \div 2 \times 10 + 104$

$= 16 - 12 \times 10 + 104$

$= 16 - 120 + 104$

$= 120 - 120$

$= 0$ (Ans. – 0000)

266. Which one of the following interchanges in signs would make the given equation correct-
$5 \div 2 \times 6 - 4 + 5 = 10$

(a) ÷ and × (b) + and −
(c) + and ÷ (d) × and +

RRB NTPC 28.03.2016 Shift : III

Ans. (d) : Given,

$$5 \div 2 \times 6 - 4 + 5 = 10$$

On exchanging × and ÷ symbols.
From option (d)

$$5 \times 2 \div 6 - 4 + 5 = 10$$

$$\frac{5}{2} \times 6 - 4 + 5 = 10$$

$$15 - 4 + 5 = 10$$

267. Which one of the following interchanges in signs would make the given equation correct-
$7 - 11 \times 1 \times 5 \div 10 = 2$

(a) − and × (b) − and ÷
(c) × and ÷ (d) × and +

RRB NTPC 30.03.2016 Shift : II

Ans. (a) : Given,

$$7 - 11 \times 1 \times 5 \div 10 = 2$$

On interchanging the symbols From option (a),

$$7 \div 11 \times 1 \times 5 - 10 = 2$$

$$7 \div 11 \times 5 - 10 = 2$$

$$7 \div 55 - 10 = 2$$

$$2 = 2$$

268. Which signs should be interchanged if the equation below needs to be true?
$3.5 \div 0.5 \times 16 - 12 \div 2 = 4$

(a) × And ÷ (b) ÷ And −
(c) × And + (d) ÷ And +

RRB NTPC 30.03.2016 Shift : I

Ans. (b) : Given,

$$3.5 \div 0.5 \times 16 - 12 \div 2 = 4$$

On interchanging the symbol according to the option (b),

$$3.5 \div 0.5 \times 16 - 12 \div 2 = 4$$

$$3.5 \div \frac{5}{2} - 12 \div 2 = 4$$

$$3.5 \div 0.5 - 12 \div 2 = 4$$

$$4 = 4$$

269. In the following equation, if the mathematical operators '÷' and '×', 5 and 2 are interchanged then the value of the equation-
$8 - 11 \div 1 \times 5 + 20 = ?$

(a) 2 (b) 8
(c) −22 (d) −28

RRB NTPC 31.03.2016 Shift : I

Ans. (b) : Given,

$$8 - 11 \div 1 \times 5 + 20$$

On interchanging the number and signs.

$$= 2 - 11 \div 1 \times 5 + 20$$

$$= 2 - 11 \div 5 + 20$$

$$= \frac{22}{5} - \frac{22}{5} = 8$$

270. If signs + and ×, are interchanged, then the value of-
$9 \times 5 + 10 - 25 \div 2?$

(a) 3 (b) 2
(c) −3 (d) −5

RRB NTPC 01.04.2016 Shift : I

Ans. (c) : Given,

$$9 \times 5 + 10 - 25 \div 2$$

On interchanging the symbols according to the question,

$$= 9 \div 5 \times 10 - 25 \div 2$$

$$= \frac{9}{5} \times 10 - 25 \div 2$$

$$= 18 - 25 \div 2 = 20 - 25 = -5$$

271. If signs + and ×, are interchanged, then the value of-
$35 - 10 \div 1 \times 5 + 15?$

(a) 15 (b) 0
(c) −10 (d) 1

RRB NTPC 05.04.2016 Shift : II

Ans. (b) : Given,

$$35 - 10 \div 1 \times 5 + 15$$

On interchanging symbols + and ×,

$$= 35 - 10 \div 1 \times 5 + 15$$

$$= 35 - 10 \div 5 + 15$$

$$= 35 - 30 + 15 = 0$$

272. Which signs should be interchanged if the equation below needs to be true?
$5 \div 3 \times 9 - 12 + 4 = 5$

(a) ÷ and − (b) ÷ and ×
(c) − and × (d) × and +

RRB NTPC 17.01.2017 Shift III

Ans. (c) : Given,

$$5 \div 3 \times 9 - 12 + 4 = 5$$

From option (a),

$$5 \div 3 \times 9 - 12 + 4 = 5$$

$$\Rightarrow 5 \div 3 \times 9 - 3 = 5$$

$$\Rightarrow 5 \div 27 \div 3 = 5$$

$$\Rightarrow 5 \div 81 = 5$$

$$\Rightarrow \frac{5}{81} = 5$$

From option (b),

$$5 \div 3 \times 9 - 12 + 4 = 5$$

$$\Rightarrow \frac{5}{3} \times 9 - 12 + 4 = 5$$

$$\Rightarrow \frac{45}{3} - 12 + 4 = 5$$

$$\Rightarrow \frac{45 + 12 - 36}{3} = 5$$

$$\Rightarrow \frac{21}{3} = 5$$

From option (c),

$$5 \div 3 \times 9 + 12 - 4 = 5$$

$$\Rightarrow 5 \div 3 \times \frac{9}{12} - 4 = 5$$

$$\Rightarrow 5 \div 3 \div 4 - 4 = 5 \Rightarrow 5 \div 12 - 4 = 5$$

$$\Rightarrow 5 = 5$$

From option (d),

$$5 \div 3 \times 9 - 12 + 4 = 5$$

$$5 \div 3 \times 9 + 3 = 5$$

$$5 \div 27 + 3 \Rightarrow 5 \div 30 = 5$$

Hence option (c) is the correct answer.

273. What will be the value of expression if the sign '×' and '÷' are interchanged?

40 × 6.4 − 21 ÷ 3 + 1

(a) 9 (b) 12

(c) 7 (d) 11

RRB NTPC 17.01.2017 Shift-II

Ans. (b) : Given,

$$40 \times 6.4 - 21 \div 3 + 1 = ?$$

On interchanging the symbols,

$$= 40 \div 6.4 - 21 \times 3 + 1$$

$$= 16 - 7 + 1$$

$$= 12$$

274. In the following equation, if the mathematical operators '÷' and '−' 2 and 4 are interchanged then which equation is correct?

(a) $4 \div 2 + 3 = 6$ (b) $2 - 4 \div 3 = 3$

(c) $4 \div 2 - 6 = 1.5$ (d) $2 - 6 \div 4 = 9$

RRB NTPC 17.01.2017 Shift-I

Ans. (d) From option (a),

(a) $4 \div 2 + 3 = 6 \xrightarrow{\text{interchange}} 2 + 4 \div 3 = 3\frac{4}{3} \neq 6$

(b) $2 - 4 \div 3 = 3 \xrightarrow{\text{interchange}} 4 \div 2 - 3 = 3 \neq 3$

(c) $4 \div 2 - 6 = 1.5 \xrightarrow{\text{interchange}} 2 - 4 \div 6 = 6 \div \frac{1}{2} = 6 \div \frac{1}{2} \neq 1.5$

(d) $2 - 6 \div 4 = 9 \xrightarrow{\text{interchange}} 4 \div 2 - 6 = 2 - 6 = 9$

(LHS = RHS)

Hence, option (d) is the correct answer.

275. In the given equation, LHS = RHS only when we interchange numbers and signs _____ on the same side.

6 × 4 ÷ 2 = 36

(a) ×, ÷, 2 and 6 (b) ×, ÷, 4 and 2

(c) ×, ÷, 36 and 6 (d) ×, ÷, 4 and 6

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (d) : Given equation,

(a) $6 \times 4 \div 2 = 36$

On interchanging the numbers and signs from option (d),

$$6 \div 4 \times 2 = 36$$

$$6 \div 12 = 36$$

$$\boxed{\frac{6}{12} = 36}$$, LHS ≠ RHS

Hence option (d) is correct option.

276. In the given equation, LHS = RHS only when we interchange numbers _____ on the same side.

9 × 5 + 6 − 4 × 2 = 4 × 5 − 10 + 7

(a) 5 and 2 (b) 5 and 7

(c) 6 and 4 (d) 6 and 7

RRB ALP & Tec. (09-08-18 Shift-III)

Ans. (a) : Given expression is,

$$9 \times 5 + 6 - 4 \times 2 = 4 \times 5 - 10 + 7$$

On interchanging 6 and 4 according to the option (a),

$$9 \times 5 + 4 - 6 \times 2 = 4 \times 5 - 10 + 7$$

$$9 \times 12 - 3 = 12 - 6 + 7$$

$$27 - 3 = 19 - 6$$

$$24 = 14 \text{ (LHS} \neq \text{RHS)}$$

277. Interchanging which two signs will make the following equation correct?

5 + 6 × 3 − 2 ÷ 5 = 13

(a) + and × (b) + and ÷

(c) × and ÷ (d) × and −

RRB JE - 28/09/2019 (Shift-II)

Ans. (a) : Given,

$$5 + 6 \times 3 - 2 \div 5 = 13$$

On interchanging + and × symbol from option (a),

$$5 \times 6 + 3 - 2 \div 5 = 13$$

From BODMAS rules

$$30 - 2 \div 5 = 13$$

$$13 = 13$$

278. Which one of the following interchanges in signs would make the given equation correct? 4 × 3 − 6 ÷ 2 × 7 = 8

(a) × and ÷ (b) − and ÷

(c) − and × (d) × and −

RPF SI 11.01.2019 Shift - II

Ans. (a) : Given,

$$4 \times 3 - 6 \div 2 \times 7 =$$

On interchanging the symbols from option (a),

$$\div \text{ and } \times$$

$$- \text{ and } \div$$

$$4 \div 3 - 6 \times 2 \div 7 = 8$$

$$12 \div 3 - 7 = 8$$

$$4 - 7 = 8$$

$$\boxed{3 = 8}$$

279. Which one of the following interchanges in signs and numbers would make the given equation correct?

15 + 4 − 2 × 7 = 27

(a) − and ×, 2 and 15 (b) × and −, 2 and 4

(c) × and ÷, 7 and 4 (d) − and ÷, 4 and 15

RRB Constable 22.01.2019 Shift - I

Ans. (d) : Given,

$$15 + 4 - 2 \times 7 = 27$$

From option (d),

$$4 \div 15 + 2 - 7 = 27$$

$$4 \div 30 - 7 = 27$$

$$27 = 27$$

$$\text{LHS} = \text{RHS}$$

280. Interchanging which two signs will make the following equation correct?

5 + 5 × 8 + 2 − 10 = 13

(a) + and − (b) + and ÷

(c) × and ÷ (d) + and ×

RRB JE - 28/06/2019 (Shift-III)

Ans. (d) : Given,

$$5 + 5 \times 8 + 2 - 10 = 13$$

By interchanging + and × according to the option (d),

$$5 \times 5 + 8 + 2 - 10 = 13$$

$$5 \times 5 + 8 - 10 = 13$$

$$5 \times 26 - 10 = 13$$

$$25 - 10 = 13$$

$$15 = 13 \text{ (LHS} \neq \text{RHS)}$$

281. Interchanging which two signs will make the following equation correct?

6 × 9 + 8 − 12 ÷ 4 = 3

(a) × and − (b) × and ÷

(c) + and − (d) + and ×

RRB JE - 27/06/2019 (Shift-I)

Ans. (d) : Given,

$$5 \div 3 \times 8 - 12 - 4 = 3$$

On interchanging the symbols from option (d),

$$5 \div 3 \times 8 - 12 - 4 = 3$$

$$5 \div 3 \times 8 - \frac{3}{12} - 4 = 3$$

$$5 \div 2 - 4 = 3$$

$$2 = 3$$

382. Interchanging which two signs will make the following equation correct?

$7 \times 18 \div 3 - 9 = 39$

(a) × and ÷ (b) × and –

(c) ÷ and × (d) ÷ and –

RRB JE - 23/09/2019 (Shift-I)

Ans. (b) : Given,

$$7 \times 18 \div 3 - 9 = 39$$

On interchanging × and – from option (b),

$$7 - 18 \div 3 \times 9 = 39$$

$$7 - 2 \times 9 = 39$$

$$18 = 39$$

383. Which two signs (mathematical operators) should be interchanged to make the given equation correct?

$36 - 8 \div 42 + 6 \times 5 = 19$

(a) × and ÷ (b) ÷ and –

(c) – and × (d) × and –

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (d) : According to option (d) on interchanging the sign of the operators,

$\Rightarrow 36 - 8 \times 42 + 6 \div 5 = 19$

$\Rightarrow 7 \times 42 - 8 \div 19$

$\Rightarrow 49 - 30 = 19$

$\Rightarrow 19 = 19$

L.H.S. = R.H.S

Hence, option (d) is correct.

384. Which of the two signs in the given options, if interchanged, would not impact the correctness of the following equation?

$5 \times 6 \div 3 - 18 \div 3 = 12$

(a) × and – (b) × and ÷

(c) ÷ and × (d) ÷ and –

RRB NTPC 23.01.2021 (Shift-I) Stage Ist

Ans. (a) : Given,

$$5 \times 6 \div 3 - 18 \div 3 = 12$$

On interchanging signs in the equation on the basis of option (a),

$$5 \div 6 \times 3 - 18 \div 3 = 12$$

$$5 \div 18 - 6 = 12$$

$$12 = 12$$

385. Which two signs need to be interchanged to make the following equation correct?

$9 \times 3 - 18 \div 9 + 6 = 2$

(a) ×, ÷ (b) ×, +

(c) ×, – (d) ÷, –

RRB NTPC 16.02.2021 (Shift-II) Stage Ist

Ans. (a) : On interchanging the signs of equation according to option (a),

$$9 \div 3 \times 18 \div 9 - 6 = 2$$

$$9 \times \frac{3}{18} \div 9 - 6 = 2$$

$$9 \times 1 - 6 = 2$$

$$36 - 6 = 2$$

$$2 = 2$$

L.H.S. = R.H.S

Hence, option (a) will be correct answer.

386. If '×' is interchanged with '÷' and '+' is interchanged with '9', then which of the following equations will be correct?

(a) $96 \div 3 - 69 = 2207$ (b) $69 \div 12 - 96 = 552$

(c) $96 \div 3 - 25 = 576$ (d) $69 \div 9 \times 46 = 736$

RRB NTPC 27.01.2021 (Shift-II) Stage Ist

Ans. (b) : According to question,

$$7 \div 9 \times$$

$$6 \times 9$$

From option (b),

$$69 \div 12 \times 96 = 552$$

On interchanging the signs and numbers,

$$96 \div 12 \times 69 = 552$$

$$8 \times 69 = 552$$

$$552 = 552$$

Hence, option (b) will be correct answer.

387. If the sign + is interchanged with – and the number 9 is interchanged with 6, then which of the following four equations would be correct?

(a) $9 \div 6 - 4 = 1$ (b) $6 - 9 \div 7 = 1$

(c) $6 - 9 \div 5 = 1$ (d) $6 - 9 \div 4 = 1$

RRB NTPC 27.02.2021 (Shift-I) Stage Ist

Ans. (a) : From option (a), on interchanging the signs '+' and '–' and number 9 and 6,

$$6 - 9 \div 6 = 1$$

$$6 - 2 = 1$$

$$4 = 1$$

L.H.S. = R.H.S

Hence, option (a) will be required answer.

388. Which two signs are to be interchanged to make the given equation correct?

$15 - 3 \times 40 \div 5 + 30 = 23$

(a) – and × (b) × and ÷

(c) × and + (d) + and –

RRB NTPC 25.01.2021 (Shift-II) Stage Ist

Ans. (a) : Given, $15 - 3 \times 40 \div 5 + 30 = 23$

According to option (a) on interchanging the mathematical signs,

$$15 \div 3 \times 40 + 5 - 30 = 23$$

$$45 \times 40 - 30 = 23$$

$$1800 - 30 = 23$$

$$23 = 23$$

L.H.S. = R.H.S.

389. Complete the following mathematical equation after interchanging the signs '×' and '÷' and interchanging the number '7' and '2'.

$8 \times 9 \div 3 - 4 = ?$

(a) 10 (b) 20

(c) 15 (d) 15

RRB NTPC 09.03.2021 (Shift-I) Stage Ist

Ans. (b) : Given,

$\therefore \quad 8 \times 6 \div 3 \div 2 - 1 = ?$

On interchanging the sign '×' and '÷' and number 3 and 2,

$= 8 \div 6 \times 2 - 3 + 1$

$= 8 \div 6 \times 2 - 2$

$= 8 \times 16 - 2$

$= 20$

294. After interchanging '×' and '÷' and interchanging '2' and '3'. Which of the following equation is correct?

(a) $7 \times 1 \div 3 \times 3 - 2 = 8$

(b) $7 \times 1 \div 3 \times 3 - 2 = 6$

(c) $7 \times 1 \div 3 \times 3 - 2 = 7$

(d) $7 \times 1 \div 3 \times 3 - 2 = 9$

RRB NTPC 09.01.2021 (Shift-1) Stage Ist

Ans. (b) : From option (b),

$7 \times 1 \div 3 \times 3 - 2 = 6$

On interchanging the sign '×' and '÷' and number '2' and '3',

$7 \times 2 \div 3 \times 3 - 1 = 6$

$6 \div 3 - 1 = 6$

$6 = 6$

L.H.S = R.H.S

Hence, option (b) will be correct.

295. On interchanging which two signs, the given equation will become balanced?

$25 \div 5 + 15 - 3 \times 5 = 40$

(a) + and × (b) + and −

(c) × and ÷ (d) × and −

RRB NTPC 11.03.2021 (Shift-II) Stage Ist

Ans. (d) : Given,

$25 \div 5 + 15 - 3 \times 5 = 40$

On interchanging the signs from option (d)–

$25 \div 5 + 15 - 3 \times 5 = 40$

$25 \div 5 + 5 \times 5 = 40$

$25 \div 5 + 25 = 40$

$25 + 25 = 40$

$40 = 40$

L.H.S = R.H.S.

296. Which two signs need to be interchanged to make the following equation correct?

$24 \times 3 \div 4 - 30 \times 10 = 12$

(a) × and ÷ (b) + and −

(c) × and − (d) + and ÷

RRB NTPC 14.03.2021 (Shift-I) Stage Ist

Ans. (d) : Given,

$\therefore \quad 24 \times 3 \div 4 - 30 \times 10 = 12$

On interchanging '+' and '÷' according to option (d),

$\Rightarrow \quad 24 \div 3 \times 4 - 30 \times 10 = 12$

$\Rightarrow \quad 8 \times 4 - 30 \times 10 = 12$

$\Rightarrow \quad 32 - 30 \times 10 = 12$

$\Rightarrow \quad 2 \times 10 = 12$

$\Rightarrow \quad 12 = 12$

Type - 5

297. Select the combination of operators that when separately placed in the blanks of the given equation will complete the equation correctly.

$8 _ 7 _ 4 _ 3 = 19$

(a) ÷, ×, + (b) ÷, ×, ×

(c) ÷, ÷, × (d) ÷, ÷, ÷

RRB NTPC 04.03.2021 (Shift-I) Stage Ist

Ans. (c) : Placing the operator of option (c) in question,

$8 \div 7 \times 4 \div 3 = 19$

$8 \div 7 \times 16 \div 3 = 19$

$2 \times 7 \div 16 = 19$

$16 = 19$

L.H.S. = R.H.S.

Hence, option (c) is right answer.

298. By which of the following options, using the given symbols in the same order balance the given equation ?

48, 8, 25 = 190

(a) ÷, × (b) ×, ÷

(c) ×, + (d) ÷, ×

RRB NTPC 10.03.2021 (Shift-II) Stage Ist

Ans. (a) : Given,

48, 8, 25 = 190

From option (a), ÷, ×,

Putting the symbol in equation

$48 \div 8 \times 25 = 190$

$48 \div 125 = 190$

$190 = 190$

L.H.S. = R.H.S.

299. Select the combination of mathematical signs that when separately placed in the blanks of the given equation will balance the equation.

12 _ 3 _ 12 _ 24

(a) ÷ + × (b) × × ÷

(c) × ÷ × (d) × × ×

RRB NTPC 09.03.2021 (Shift-II) Stage Ist

Ans. (c) : On putting the signs from option (c),

$12 \div 3 - 12 \times 24$

$36 - 12 \times 24$

$24 = 24$

300. Which Mathematical operation should come in place of question mark (?) in the following equation :

$(4 \div 3) - 12 \div 4 \times 2 = 11$

(a) × (b) ÷

(c) + (d) −

RRB NTPC 11.03.2021 (Shift-II) Stage Ist

Ans. (d) : From question,

$(4 \div 3) - 12 \div 4 \times 2 = 11$

$(4 \div 3) - 3 \div 2 = 11$

$(4 \div 3) = 11$

$4 \div 3 \neq 11$ (from option (d))

Hence, $\boxed{? = -}$

301. Choose the correct option from the following option to replace with a mathematical symbol '×', '÷' and '−' find the value 12 ? 9 ? 2 ? 6?

(a) × ÷ × (b) × + ÷

(c) − ÷ × (d) × × ÷

RRB NTPC 03.04.2016 (Shift-I)

Ans. (b) : Given,

$$12 * 3 * 7 * 6 = 7$$

On putting the signs from option (b),

$$= 12 \div 3 \div 2 = 6$$
$$= 4 \div 2 = 6$$
$$6 = 6 \text{ (LHS} = \text{RHS)}$$

298. Correct the mathematical symbols from the given alternatives change the sign by choosing the combination and get a balanced equation-
25 * 10 * 20 * 27

(a) + × + ÷ (b) × + ÷ +
(c) ÷ + × + (d) + ÷ + ×

RRB NTPC 17.01.2017 Shift-II

Ans. (b) : Given,

$$25 * 5 * 10 * 20 * 2$$

According to the option (a),

$$25 + 5 \div 10 \times 20 \div 2$$
$$25 + 5 \div \frac{10}{20} \times 2$$
$$25 + \frac{10}{10} \times 2$$
$$25 + \frac{10}{5} \times 2$$

Left side = Right side
From option (b),

$$25 \times 5 \div 10 \times 20 \div 2 \Rightarrow 10 \times 200$$

Left side = Right side
From option (c),

$$25 + 5 \div 10 \times 20 \div 2 \Rightarrow 40 = 40$$

Left side = Right side
Hence, option (c) is correct.

299. Select the correct set of symbols that corresponds to the given equation.
8 # 3 $ 6 = 26

(a) ×, −, + (b) ×, ÷, +
(c) ÷, ×, × (d) ÷, ×, +

RRB NTPC 18.01.2016 Shift : I

Ans. (a) : From option (a),
The correct group corresponding to the given equation is the following,

$$8 \underbrace{\times 3 \div 6}_{} = 26$$

$$26 = 26 \text{ (LHS} = \text{RHS)}$$

300. 186 # 31 # 36 # 30 To get a balanced equation from replace the # symbols with mathematical symbols '+', '×', '÷' or '−'.

(a) × ÷ + (b) ÷ × +
(c) ÷ + × (d) × ÷ −

RPF SI 15.01.2019 Shift : I

Ans. (d) : From option (d),

$$186 \times 31 \div 36 \div 30$$

On changing the symbols,

$$186 \times 31 \div 36 \div 30$$
$$6 = 6 \text{ (LHS} = \text{RHS)}$$

301. Correct the mathematical symbols from the given alternatives change the sign by choosing the combination and get a balanced equation-
14 # 9 # 3 # 19 # 47

(a) × + ÷ − (b) ÷ × + ×
(c) − × + × (d) + ÷ − ×

RRB NTPC 18.01.2017 Shift : I

Ans. (d) : Given equation,

$$14 \# 9 \# 3 \# 19 \# 47$$

On putting the value of # signs from option (d),

$$14 \div 9 \times 3 - 19 \times 47$$
$$14 \div 27 - 19 \times 47$$
$$14 \div 27 - 19$$
$$14 = 14$$
$$\text{LHS} = \text{RHS}$$

302. To get the given result in the following equation what alternative set of mathematical symbols should be replaced by '_'?
(15/12) 36/6 = 26

(a) ÷, −, × (b) ×, ÷, +
(c) ×, ÷ (d) ×, ÷, ×

RRB Group-D - 02/12/2018 (Shift-II)

Ans. (a) : Given,

$$(15 / 12) 36 / 6 = 26$$

On putting the signs from option (a),

$$(15 \div 12) \times 6 \div 6 = 26$$
$$5 \div 6 \times 6 = 26$$
$$\frac{30}{6} \times 6 = 26$$
$$\boxed{30 = 30}$$

303. Select the correct set of symbols
63 7 5 4 = 49

(a) ÷, −, + (b) ÷, +, −
(c) ×, −, + (d) ×, +, ÷

RRB NTPC 20.04.2016 Shift : III

Ans. (d) : Given,

$$63 \ 7 \ 5 \ 4 = 49$$

From option (a),

$$63 \div 7 - 5 \div 4 = 49$$
$$\Rightarrow 63 \div \frac{5}{4} = 49$$
$$\Rightarrow \frac{1566 - 5}{4} = 49 \Rightarrow \frac{1561}{4} \neq 49$$

From option (b),

$$63 \div 7 + 5 - 4 = 49$$
$$\Rightarrow 63 \div \frac{5}{5} - 4 = 49$$
$$\Rightarrow \frac{315 + 7 - 20}{5} = 49$$
$$\Rightarrow \frac{302}{5} \neq 49$$

From option (c),

$$63 \times 7 - 5 \div 4 = 49$$
$$\Rightarrow 70 - \frac{5}{4} = 49$$
$$\Rightarrow \frac{280 - 5}{4} = 49$$
$$\Rightarrow \frac{275}{4} \neq 49$$

From option (d),

$$63 \times 7 + 5 \div 4 = 49$$
$$\Rightarrow 9 + 5 \div 4 = 49$$
$$\Rightarrow 45 \div 4 = 49$$
$$\Rightarrow 49 = 49$$

Hence option (d) is correct.

104. Which of the following four change of sign and numbers can correct the given equation in the following question : (3 × 4) + 2 = 6

(a) × and +, 4 and 6 (b) × and ÷, 2 and 4
(c) × and ÷, 2 and 6 (d) × and ÷, 2 and 8

RRB NTPC 18.04.2016 Shift : III

Ans. (d) : Given,

$$(3 \times 4) \div 2 = 6$$

By changing the signs and numbers from option (d),

$$(3 \div 2) \times 4 = 6$$

$$\frac{3}{2} \times 4 = 6$$

$$\frac{3}{2} \times 4 = 6$$

$$6 = 6$$

105. Select the correct set of symbols

7 ? 7 ? = 14

(a) ×, ÷, + (b) ÷, ÷, +
(c) ÷, ×, + (d) ÷, ×, ×

RRB NTPC 28.03.2016 Shift : III

Ans. (d) : On putting the symbols from option (d),

$$7 \div 7 \times 7 \times 7 = 14$$

$$7 \div 7 \times 7 \times 7 = 14$$

$$7 \div 7 \times 7 = 14$$

$$14 = 14$$

106. What should come in place of question mark?

72 ? 9 ? 3 = 27

(a) ×, × (b) ÷, ÷
(c) ÷, × (d) ×, ÷

RRB NTPC 29.03.2016 Shift : II

Ans. (b) : Given,

$$72 \div 9 \div 3 = 27$$

From option (b),

$$72 \div 9 \div 3 = 27$$

$$8 \div 3 = 27$$

$$2.7 = 27 \ (2.666 = 0.666)$$

107. If 1=2, 3=6, 4=8, and + = ÷, which is the value of 41+34+13=?

(a) −88 (b) 88
(c) 12 (d) −12

RRB NTPC 16.04.2016 Shift : II

Ans. (d) : According to the question,

$$1 = 2, 3 = 6, 4 = 8, + = \div$$

$$\therefore 41 + 34 + 13 = 82 - 48 - 26$$

$$= 34 - 26 = -12$$

108. Select the correct set of symbols

21 × 9 ÷ 13 − 7 = 195

(a) ×, ÷, + (b) ÷, ÷, ÷
(c) ×, ÷, × (d) ×, ×, ÷

RRB NTPC 02.04.2016 Shift : III

Ans. (d) : Given,

$$21 \times 9 \div 13 - 7 = 195$$

From option (d),

$$21 \times 9 \div 13 - 7 = 195$$

$$189 \div 13 - 7 = 195$$

$$282 - 7 = 195$$

$$195 = 195 \ (145 = 0.05)$$

109. Select the correct set of symbols

64 × 4 ÷ 8 × 10

(a) ÷, ÷, + (b) ÷, ÷, ÷
(c) ÷, ×, + (d) ×, ×, +

RRB NTPC 02.04.2016 Shift : III

Ans. (d) : Given,

$$64 \times 4 \div 8 \times 10$$

From option (d),

$$64 \times 4 \div 8 \times 10$$

$$16 \div 8 \times 10$$

$$80 \div 8 = 10$$

$$10 = 10$$

L.H.S = R.H.S.

110. Select the correct set of symbols?

44 4 7 3 = 82

(a) ÷, ÷, + (b) ×, ×, ÷
(c) ×, ÷, + (d) ÷, ×, ÷

RRB NTPC 02.04.2016 Shift : II

Ans. (d) : Given,

$$44 \ 4 \ 7 \ 3 = 82$$

From option (a),

$$44 \div 4 \cdot 7 + 3 = 82$$

$$176 \cdot \frac{7}{3} + 82$$

From option (b),

$$44 \times 4 \div 7 \cdot 3 = 82$$

$$44 \times \frac{4}{7} \cdot 3 = 82$$

From option (c),

$$44 \div 4 \cdot 7 + 3 = 82$$

$$44 \cdot \frac{7}{4} + 82$$

From option (d),

$$44 \times 4 \div 7 + 3 = 82$$

$$11 \div 7 + 3 = 82$$

$$7.7 + 3 = 82$$

$$82 = 82$$

Hence option (d) is correct answer.

111. Select the correct set of symbols?

27 3 19 10 = 90

(a) ÷, ÷, + (b) ×, ×, ÷
(c) ×, ÷, + (d) ÷, ÷, ÷

RRB Constable 22.01.2019 Shift : III

Ans. (d) : Given,

$$27 \ 3 \ 19 \ 10 = 90$$

From option (d),

$$27 \div 3 \div 19 - 10 = 90$$

$$81 \div 19 - 10 = 90$$

$$4.68 - 10 = 90$$

$$90 = 90$$

Hence option (d) is correct answer.

112. Select the correct set of symbols?

84 12 7 6 = 41

(a) ÷, ÷, + (b) ÷, ÷, ÷
(c) ÷, ×, + (d) ×, ×, ÷

RRB Constable 24.01.2019 Shift : II

Ans. (d) : Given,

$$84 \div 12 \times 7 + 6 = 41$$

From option (d),

$84 \div 12 \times 7 + 6 = 41$

$7 \times 7 + 6 = 41$

$49 + 6 = 41$

313. Select the correct set of symbols?

20 # 17 # = 133

(a) ÷, ×, + (b) ×, ×, ×

(c) ×, ×, + (d) ×, ×, ÷

RRB NTPC 02.04.2016 Shift : I

Ans. (d) Given expression is,

$$20 \# 17 \# = 133$$

From option (d),

$20 \times 3 + 17 \times 6 = 133$

$120 + 6 = 133$

$126 = 133$

314. Select the correct set of symbols?

72 ... 6 ... 7 ... 7 = 91

(a) ÷, ×, + (b) ×, ×, ×

(c) ×, ×, + (d) ×, ×, ×

RRB NTPC 03.04.2016 Shift : III

Ans. (d) Given expression is,

$$72 \ldots 6 \ldots 7 \ldots 7 = 91$$

From option (d),

$\Rightarrow 72 \times 6 \times 7 \times 7 = 91$

$\Rightarrow 432 \times 7 \times 7 = 91$

$\Rightarrow 864 \times 7 = 91$

$91 = 91$

315. Select the correct set of symbols?

25 ... 7 ... 19 ... 8 = 168

(a) ÷, ×, + (b) ×, ×, ×

(c) ×, ×, + (d) ×, ×, ÷

RRB NTPC 03.04.2016 Shift : III

Ans. (d) Given,

$$25 \ldots 7 \ldots 19 \ldots 8 = 168$$

From option (d),

$25 \times 7 \times 19 \div 8 = 168$

$190 \times 7 = 168$

$168 = 168$ (LHS = RHS)

316. Select the correct set of symbols?

72 8 5 4 = 49

(a) ×, ÷, + (b) ÷, ÷, ÷

(c) ×, ÷, + (d) ÷, ÷, +

RRB NTPC 04.04.2016 Shift : IV

Ans. (d) : Given,

$$72 \; 8 \; 5 \; 4 = 49$$

From option (d),

$72 \div 8 \div 5 \div 4 = 49$

$\frac{72}{8} \div 5 \div 4 = 49$

$9 \div 5 \div 4 = 49$

$49 = 49$ (LHS = RHS)

317. Select the correct set of symbols?

20 ? 13 11 = 60

(a) ×, ÷, + (b) ×, ×, ×

(c) ×, ÷, + (d) ×, ×, ÷

RPF SI 11.01.2019 Shift : III

Ans. (d) : Given,

$$20 \quad ? \quad 13 \quad 11 = 60$$

From option (d),

$20 \div 2 \times 13 \times 11 = 60$

$10 \times 13 = 60$

$60 = 60$

Hence, option (d) is correct.

318. Choose the correct option from the following option to replace with a mathematical symbol '×', '÷' And '+' find the value (27 # 10 # 2) # 10 # 4.?

(a) ÷ × + × (b) × + × ×

(c) × × ÷ × (d) × × × ×

RRB NTPC 05.04.2016 Shift : III

Ans. (c) : Given,

$$(27 \# 10 \# 2) \# 10 \# 4$$

From option (c),

$(27 \div 10 \times 2) \times 10 \times 4$

$\frac{40}{4} \times 10 \times 4$

4×4

319. Find the correct sequence of sign in ×, ÷, ×, ?

100 ... 25 ... 5 ... 5 ... 21 = 0

(a) ×, ×, ÷, ÷ (b) ÷, ÷, ×, ×

(c) ×, ÷, ×, ÷ (d) ÷, ×, ÷, ×

RRB JE - 27/08/2019 (Shift-I)

Ans. (b) : Given,

$100 \ldots 25 \ldots 5 \ldots 5 \ldots 21 = 0$

From option (b),

$100 \div 25 \times 5 \div 5 \times 21 = 0$

From BODMAS rules

$\Rightarrow 4 \times 25 \div 21 = 0$

$\Rightarrow 25 \div 25 = 0$

$\Rightarrow 0 = 0$

320. Fill in the appropriate symbols ×, ÷, ÷ ?

(18 ... 3) ... 7 ... 15 ... 5 = 0

(a) ×, ÷, ÷ (b) ÷, ×, ÷

(c) ×, ×, ÷ (d) ÷, ÷, ×

RRB JE - 26/08/2019 (Shift-III)

Ans. (a) : Given,

$$(18 \ldots 3) \ldots 7 \ldots 15 \ldots 5 = 0$$

From option (a),

$(18 \times 3) \div 7 \div 15 \div 5 = 0$

$54 \div 7 \div 15 \div 5 = 0$

$7 \div 3 = 0$

$0 = 0$

321. Arrange the symbol ×, ÷, ×, + correct to balance the given the equation ?

8 (3 (3 3) 8 = 20

(a) ÷, ×, × (b) ÷, ×, +

(c) ×, ×, + (d) ×, ×, ÷

RRB Ranchi 24.01.2019 Shift : I

Ans. (c) Given expression is,

$$8 \div (3 \times (3 \times 3) = 20$$

On arranging the symbols according to option (c),

$8 \times (3 \div 3 \times 3) = 20$

$8 \times 15 = 20$

$20 = 20$ (LHS = RHS)

Hence, option (c) will be correct answer.

09.

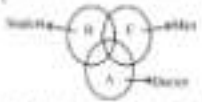
Venn Diagram

1. **Select the option that is best represented by the given Venn diagram.**

(a) Doctor, Man, Student
(b) Gold, Silver, Ornaments
(c) Table, Chair, Furniture
(d) Family, Parents, Children

RRB NTPC 09.01.2021 (Shift-I) Stage Ist

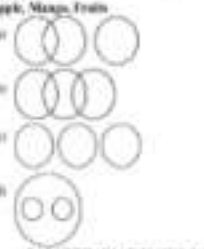
Ans. (a) :



Some doctors are men, some men are student, some are student as well as men. So, it is the best representation of the Venn diagram.
Hence, option (a) will be required answer.

2. **Select the Venn diagram that best represents the relationship between the given set of classes.**
Apple, Mango, Fruits

(a)
(b)
(c)
(d)



RRB NTPC 09.01.2021 (Shift-I) Stage Ist

Ans. (d) : On drawing the Venn diagram between Apple, Mango and Fruits

Hence, option (d) is correct.

3. **Select the Venn diagram that best represent the relationship between the given set of classes.**
Students, Interns and Research scholars

(a)
(b)
(c)
(d)

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (d) : Venn diagram relationship among the given classes is as follows.

Some students can be interns and some can be researchers and some can be both. Hence, option (d) is correct.

4. **Select the Venn diagram that best represents the relationship between the given set of classes.**
Short women, White-haired people, Indians

(a)
(b)
(c)
(d)

RRB NTPC 08.01.2021 (Shift-II) Stage Ist

Ans. (b) : Suitable Venn diagram for Short women, White-haired people and Indians is as follows.

Hence, option (b) will be required answer.

5. **Select the Venn diagram that best represents the relationship between the given set of classes.**
Sports, Chess, Tennis

(a)
(b)
(c)
(d)

RRB NTPC 14.01.2021 (Shift-I) Stage Ist

Ans. (b) : The Venn diagram relationship between the given classes is as follows:–

Chess and Tennis both come under sports. Hence, option (b) is correct.

6. Select the Venn diagram that best represents the relationship between the given set of classes:
Australia, Sydney, Japan

(a)
(b)
(c)
(d)

RRB NTPC (16.01.2021 (Shift-I) Stage Ist

Ans. (d) : The Venn diagram relationship between the given classes is as follows:–

Sydney is the largest city of Australia and Japan is other country.

7. Select the Venn diagram that best represents the relationship between the given set of classes:
Circle, Triangle, Quadrilateral

(a)
(b)
(c)
(d)

RRB NTPC (16.01.2021 (Shift-I) Stage Ist

Ans. (b) : The Venn diagram relationship between the given classes is follows as –

Circle is circular, triangle has three sides and Quadrilateral has four sides. So, all are different. Hence, option (b) is correct.

8. Select the Venn diagram from the given options that best represents the relationship between the given set of classes.
Prose, Literature and Poetry

(a)
(b)
(c)
(d)

RRB NTPC (16.01.2021 (Shift-I) Stage Ist

Ans. (b) : The Venn diagram showing the most appropriate relationship among the given set of classes is as follows:

Prose and Poetry come under the Literature.
Hence, option (b) is correct.

9. Select the Venn diagram that best represents the relationship between the given set of classes.
Chinese, Meat, Grains

(a) A (b) D
(c) B (d) C

RRB NTPC (17.01.2021 (Shift-I) Stage Ist

Ans. (a) The Venn diagram that represents the best relationship between Chinese, Meat and Grain

Hence, option (a) is correct.

10. Select the Venn diagram that best represents the relationship between the given set of classes
Magazines, Movies, Books

(a)
(b)
(c)
(d)

RRB NTPC (04.02.2021 (Shift-I) Stage Ist

Ans. (a) : As per question

Hence, option (a) is correct answer.

11. Select the diagram that best represents the relationship between the given set of classes
Mammals, Amphibians, Turtles

(a)
(b)

(c) (d)

RRB NTPC 09.02.2021 (Shift-1) Stage Ist

Ans. (d) : On drawing the Venn diagram according to the question,

Hence, option (d) is right answer.

12. Select the Venn diagram that best represents the relationship between the following classes: Kidney, Organ, Heart

(a) (b)

(c) (d)

RRB NTPC 11.02.2021 (Shift-1) Stage Ist

Ans. (a) : Heart and Kidney are both Organs.
Suitable Venn diagram of Heart, Kidney and Organ

Hence, the Venn diagram given in option (a) best represents the relationship between the given classes.

13. Select the Venn diagram that best represents the relationship between Children, Women and Teachers.

(a) (b)

(c) (d)

RRB NTPC 12.02.2021 (Shift-1) Stage Ist

Ans. (b) : The Venn diagram that best represents the relationship between Women, Children and Teachers.

Hence, option (b) will be correct.

14. Select the Venn diagram that best represents the relationship between the given set of classes.
Wrestlers, Boxers, Fighters

(a) (b)

(c) (d)

RRB NTPC 05.03.2021 (Shift-3) Stage Ist

Ans. (b) : The Venn diagram is as follows

Hence, option (b) will be correct.

15. Select the Venn diagram that best represents the relationship between computers, desktop and laptops.

(a) (b)

(c) (d)

RRB NTPC 06.03.2021 (Shift-3) Stage Ist

Ans. (d) : On drawing the Venn diagram according to the question,

Option (d) shows best relationship between Computer, Desktop and Laptops.

16. Select the option that correctly represents the following Venn diagram.

(a) Engineers, Graduates, Freshmen
(b) Engineers, Doctors, Graduates
(c) Doctor, Surgeon, Nurse
(d) Doctor, Freshmen, Engineers

RRB NTPC 06.03.2021 (Shift-3) Stage Ist

Ans. (a) :

Thus the given Venn diagram shows the relationship between Engineer, Graduate and Freshmen.

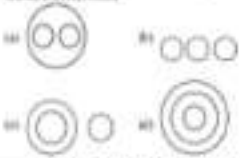
17. **Select the Venn diagram that best represents the relationship between the following classes: Stroll, Walk, Locomotion**

RRB NTPC 01.04.2021 (Shift-I) Stage 1st

Ans. (b)

Hence, option (b) is correct.

18. **Select the Venn diagram that best represents the relationship between the following classes. Music, Dance, Sound**

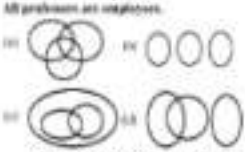


RRB NTPC 01.04.2021 (Shift-II) Stage 1st

Ans. (c) :

Hence, option (c) is correct.

19. **Which of the following Venn diagrams represents the given statements?**
Some scientists are professors.
All scientists are employees.
All professors are employees.



RRB NTPC 23.07.2021 (Shift-I) Stage 1st

Ans. (c) : On making Venn diagram according to the given data

Hence, it is clear that Venn diagram of option (c) represents the given statements.

20. **In the given Venn diagram, assuming that the shaded areas do not exist, determine which conclusion can be validly drawn?**

(a) All billionaires are artists
(b) All cartoonists are artists
(c) No artists are billionaires
(d) All artists are cartoonists

RRB NTPC 30.12.2020 (Shift-I) Stage 1st

Ans. (d) : In given Venn diagram assuming that shaded areas do not exist.

It is clear from the above diagram that the conclusion of option (d) "All artists are cartoonists" can be drawn.

21. **Select the Venn diagram that best represents the relationship between the following classes. Crockery, Plate, Bowl**

RRB NTPC 30.12.2020 (Shift-I) Stage 1st

Ans. (d) : Plate and Bowl come under the Crockery.

Therefore, the Venn diagram of option (d) best represents the relationship between the given classes.

22. **Which of the given diagrams shows the best relation between men, women, energetic, if W represents women, M represents men and E represents energetic?**

(a)
(b)
(c)
(d)

RRB NTPC 29.01.2021 (Shift-1) Stage Ist

Ans. (a) : The best relationship between men, women, and energetic will be –

Hence, option (a) is correct.

23. **Select the Venn diagram that best represents the relationship between the given set of classes.**
Solar system, Planets, Universe

(a)
(b)
(c)
(d)

RRB NTPC 31.01.2021 (Shift-1) Stage Ist

Ans. (d) : The Venn diagram relation is as follows–

Planets are the part of Solar system and Solar system is a part of universe. Hence, option (d) is correct.

24. **Which of the following diagram best depicts the relationship between A, B and C, where A means 'Colour of the leaves', B means 'Yellow coloured things' and C means 'Green coloured things'?**

(a)
(b)
(c)
(d)

RRB NTPC 16.02.2021 (Shift-1) Stage Ist

Ans. (b) : A means = Colour of leaves
B means = Yellow coloured things
C means= Green coloured things

Hence, option (b) will be correct.

25. **Which of the following Venn diagrams best depicts the relationship between the classes? Summer, Season, Cloudy**

(a)
(b)
(c)
(d)

RRB NTPC 17.01.2021 (Shift-II) Stage Ist

Ans. (a) : Venn diagram of Summer, Season and Cloudy is as follows.

Hence, option (a) will be correct.

26. **Select the Venn diagram that best represents the relationship between the given set of classes.**
Hawk, Predator, Bird

(a)
(b)
(c)
(d)

RRB NTPC 05.03.2021 (Shift-II) Stage Ist

Ans. (d) : The best relationship among Hawk, Predator and Bird is as follows –

Hence, option (d) will be correct.

27. **Select the Venn diagram that best represents the relationship among the following three classes.**
Bird, Crow, Woodpecker

(a)
(b)
(c)
(d)

RRB NTPC 08.04.2021 (Shift-I) Stage Ist

Ans. (d): From the given Venn diagram:

Hence, the Venn diagram of option (d) is the correct answer.

35. Select the Venn diagram that best represents the relationship between the following classes.
Rivers, Lakes, Mountains, Water bodies.

(a)

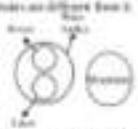
(b)

(c)

(d)

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (a): Lakes and Rivers comes under Water bodies relation. Mountains are different from it.



Hence, the Venn diagram of option (a) best represents the relationship between the given classes.

36. Select the Venn diagram that best depicts the relationship between the given classes.
Parrotlet, Lion, Bear

(a)

(b)

(c)

(d)

RRB NTPC 23.07.2021 (Shift-II) Stage Ist

Ans. (c): According to the question the Venn diagram is as follows:

Lion comes under Parrotlet whereas Bear is a separate organism. Hence, option (c) will be right answer.

37. Select the Venn diagram that best represents the relationship between the following classes.
Sports, Cricket, Cricketer.

(a)

(b)

(c)

(d)

RRB NTPC 30.12.2020 (Shift-II) Stage Ist

Ans. (b): The Venn diagram that represents the best relation between the given classes:

Cricket comes under the Sport, while Cricketer is a type of music. Hence, option (b) is correct.

38. Which of the following Venn diagrams displays the proper relation of following?
Eyes, Ears, Sensory organs

(a)

(b)

(c)

(d)

RRB NTPC 10.01.2021 (Shift-II) Stage Ist

Ans. (a): Proper relation between Eyes, Ears and Sensory-organs

It is clear from the above Venn diagram that option (a) represents the best relationship between Eyes, Ears and Sensory-organs.

39. Select the Venn diagram that best represents the relationship between the following classes.
Wheat, Rice, Grain

(c) A (b) C
(c) D (d) B

RRB NTPC 18.01.2021 (Shift-II) Stage Ist

Ans. (d) : In the given Venn diagram, figure B is best represents the relationship between Wheat, Rice and Grain.

Hence, option (d) is correct.

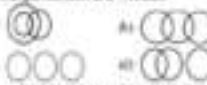
11. Select the Venn diagram that best represents the relationship between the following classes.
Plastic, Paper, Bag

RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (d) : On drawing Venn diagram

Some bag is made of plastic and some bag is made from paper.
Hence, option (d) is correct.

14. Select the Venn diagram that best represents the relationship between the following classes.
Mobile phone, Internet, Webmail



RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (a) :

Hence, option (a) is correct.

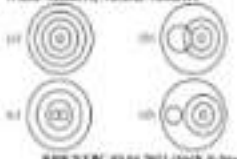
15. Select the Venn diagram that best represents the relationship among the given set of classes.
Boys, Football players, Cricket fans

RRB NTPC 03.04.2021 (Shift-I) Stage Ist

Ans. (a) : Boys can be both football players and cricket fans.

Hence, the Venn diagram of option (a) best represents the relationship between the given set of classes.

16. Select the Venn diagram that best represents the relationship between the following classes.
Real Numbers, Rational Numbers, Integers, Whole Numbers, Natural Numbers

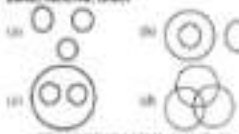


RRB NTPC 03.04.2021 (Shift-I) Stage Ist

Ans. (a) :

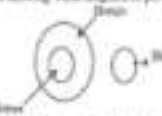
Hence, the Venn diagram of option (a) best represents the relationship between the given classes.

17. Select the Venn diagram that best represents the relationship between the given set of classes.
Blood, Skeleton, Bones



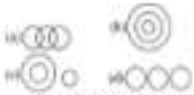
RRB NTPC 08.04.2021 (Shift-II) Stage Ist

Ans. (b) : On drawing Venn diagram as per question.



Option (b) depict the relationship between Bones, Skeleton, Blood clearly.

18. Select the Venn diagram that best represents the relationship between the following classes.
Guava, Potato, Vegetables

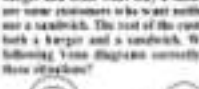


RRB NTPC 22/01/2021 (Shift-I) Stage Ist

Ans. (a) : Potato comes under vegetables which Guava is a fruit.

It is clear that option (a) satisfies the relations of given classes.

19. There is a shop that sells both burgers and sandwiches. Some customers want only a burger and some want only a sandwich. There are some customers who want neither a burger nor a sandwich. The rest of the customers want both a burger and a sandwich. Which of the following Venn diagrams correctly represents these situations?



RRB NTPC 22/01/2021 (Shift-II) Stage Ist

Ans. (a) : According to the question,

The Venn diagram of option (a) correctly represents these situations.

20. Select the Venn diagram that best represents the relationship between the following classes.
Players, Humans, Students

(a) 4 (b) 1
(c) 3 (d) 2

RRB NTPC 23/01/2021 (Shift-I) Stage Ist

Ans. (d) : From question,

Figure 2 represents the best relationship between the all classes. Hence, option (d) is correct.

21. Select the Venn diagram that best represents the relationship between
Currency, Economy, Money

RRB NTPC 28/01/2021 (Shift-I) Stage Ist

Ans. (c) : On drawing Venn diagram,

Hence, option (c) is correct.

22. Select the Venn diagram that best represents the relationship between Chicken, Vegetarian food and Non-vegetarian food.

(a) C (b) D
(c) B (d) A

RRB NTPC 28/01/2021 (Shift-I) Stage Ist

Ans. (b) :

Hence, option (b) is correct.

23. Select the Venn diagram that best represents the relationship between the given set of classes.
Gold, Metal, Silver

RRB NTPC 29/01/2021 (Shift-II) Stage Ist

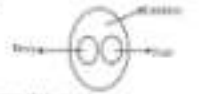
Ans. (b) : Suitable Venn diagram of Gold, Metal and Silver.

Gold and silver are metals. Hence, option (b) is correct answer.

41. Select the Venn diagram that best represents the relationship between the following classes.
Entry, Fear, Emotion

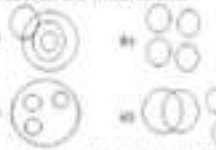
RRB NTPC 08.02.2021 (Shift-II) Stage Ist

Ans. (b) : Suitable Venn diagram for Emotion, Entry and Fear



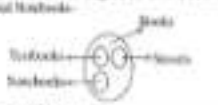
Hence, option (b) is correct.

42. Select the Venn diagram that best represents the relationship between the following classes.
Books, Textbooks, Novels, Notebooks



RRB NTPC 08.02.2021 (Shift-II) Stage Ist

Ans. (d) : Suitable Venn diagram for Books, Textbooks, Novels and Notebooks-



Hence, option (d) is correct.

43. Select the Venn diagram that best represents the relationship between the following classes.
Birds, Ostriches, Rats

RRB NTPC 14.01.2021 (Shift-I) Stage Ist

Ans. (b) : The above Venn diagram is for Birds, Ostriches and Rats.

Ostriches come under Birds while Rats come under mammals. Hence, option (b) will be correct.

44. Select the Venn diagram that best represents the relationship between the given groups of classes.
Paragraph, Letter, Word, Sentence

RRB NTPC 19.01.2021 (Shift-I) Stage Ist

Ans. (b) : According to the question Venn diagram is as follows:

Hence, option (b) is correct.

45. Choose the most suitable Venn diagram for the following words-
Horse, Monkey, Tiger

RRB Group-D – 17/09/2018 (Shift-I)

Ans. (a) : Horse, Monkey and Tiger are different animal

Hence, option (a) is correct.

46. Which of the following diagrams correctly represents the relationship between the given classes?
A. Whale B. Ship
C. Ocean

RRB Group-D – 17/09/2018 (Shift-I)

Ans.(b) : Whale and Ship both are live in Ocean

Hence, option (b) is correct.

80. Which of the following diagrams correctly represents the relationship between the given classes?

A. Leather B. Water

C. Animal

(a)

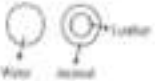
(b)

(c)

(d)

RRB Group-D - 20/09/2018 (Shift-II)

Ans.(b) :



Hence, option (c) is correct.

81. Which of the following diagrams correctly represents the relationship between the given classes?

A. Hand B. Foot C. Body

(a)

(b)

(c)

(d)

RRB Group-D - 20/09/2018 (Shift-II)

Ans.(b) : Hand and Foot are parts of body

Hence, option (b) is correct.

82. Choose the most suitable Venn diagram for the following words:

Cherry, Mango, Fruit

(a)

(b)

(c)

(d)

RRB Group-D - 20/09/2018 (Shift-II)

Ans.(a) : Cherry and Mango are fruits

Hence, option (a) is correct.

83. Which of the following diagrams correctly represents the relationship between the given classes?

(A) Car (B) Park (C) Satellite

(a)

(b)

(c)

(d)

RRB Group-D - 22/09/2018 (Shift-I)

Ans.(c) :

There is no relation between Car, Park and Satellite.

Hence, option (c) is correct.

84. Choose the most suitable Venn diagram for the following words.

(A) Pot (B) Jewelry

(C) Silver

(a)

(b)

(c)

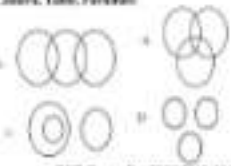
(d)

RRB Group-D - 23/09/2018 (Shift-I)

Ans.(a) : Some pots and jewelry are made by silver

Hence, option (a) is correct.

55. Choose the most suitable Venn diagram for the following words-
Camera, Table, Furniture

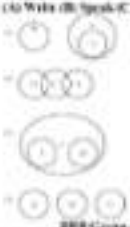


RRB Group-D – 23/09/2018 (Shift-I)

Ans. (a) : Table is part of furniture but camera is different.

Hence, option (a) is correct.

56. Which of the following diagrams correctly represents the relationship between the given words?
(A) Write (B) Speak (C) Communication



RRB Group-D – 24/09/2018 (Shift-II)

Ans. (a) : Write and speak both are medium of communication.

Hence, option (a) is correct.

57. Which of the following diagrams correctly represents the relationship between the given classes?
A. Metal B. Glass
C. Pot

(a)(i)

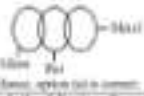
(b)(ii)

(c)(iii) (iv) (v)

(d)(v) (iii)

RRB Group-D – 28/09/2018 (Shift-II)

Ans. (a) Some pot is made by glass and some pot made by metal.



Hence, option (a) is correct.

58. Which of the following diagrams correctly represents the relationship between the given classes?
Freight car, Truck, Van

RRB Group-D – 03/10/2018 (Shift-I)

Ans. (b) : Truck and Van both are goods carrier.

Hence, option (b) is correct.

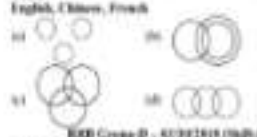
59. Which of the following diagrams correctly represents the relationship between the given classes?
Box, Engine, Piston

RRB Group-D – 02/10/2018 (Shift-II)

Ans. (a) : In the given inside the piston inside the engine and the engine remains inside the box.

Hence, option (a) is correct.

60. Which of the following diagrams correctly represents the relationship between the given words?
English, Chinese, French

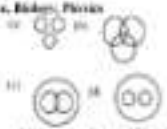


RRB Group-D – 02/10/2018 (Shift-II)

Ans. (a) : All three words given are related to different languages.

Hence, option (c) is correct.

61. **Which of the following diagrams correctly represents the relationship between the given classes?**
Science, Biology, Physics

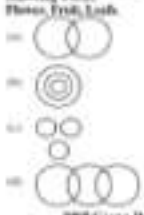


RRB Group-D – 03/10/2018 (Shift-II)

Ans. (d) : Physics and Biology are branches of Science

Hence, option (d) is correct.

62. **Choose the most suitable Venn diagram for the following words?**
Photos, Fruit, Leafs

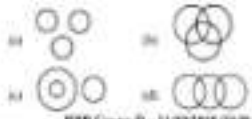


RRB Group-D – 09/10/2018 (Shift-I)

Ans. (a) : There are no relation between fruit, flower and leafs.

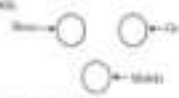
Hence, option (a) is correct.

63. **Choose the most suitable Venn diagram for the following words?**
Shoes, Grass, Mobile



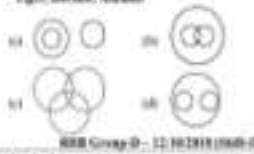
RRB Group-D – 11/10/2018 (Shift-II)

Ans. (a) : There are no relation between Shoes, Grass and Mobile.



Hence, option (a) is correct.

64. **Choose the best suitable Venn diagram for the following words:**
"Tiger, Buffalo, Animals"

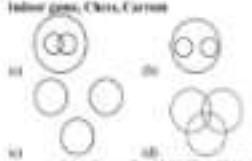


RRB Group-D – 12/10/2018 (Shift-III)

Ans. (d) : Buffalo and Tiger both are Animals.

Hence, option (d) is correct.

65. **Choose the most suitable Venn diagram for the following words?**
Indoor game, Chess, Carrom



RRB Group-D – 12/10/2018 (Shift-III)

Ans. (b) : Carrom and Chess both are Indoor game.

Hence, option (b) is correct.

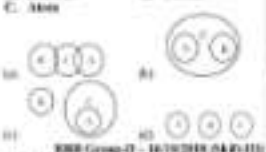
66. **Choose the most suitable Venn diagram for the following words?**
Cloths, Shirt, Lock

RRB Group-D – 16/10/2018 (Shift-I)

Ans. (c) Wall is a type of Cement and Lock is different.

Hence, option (c) is correct.

67. Which of the following diagrams correctly represents the relationship between the given classes?
A. Electron B. Proton
C. Atom

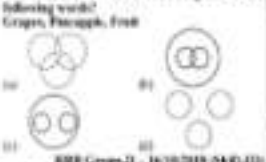


RRB Group-D – 16/10/2018 (Shift-II)

Ans. (b) : Electron and Proton both are part of Atom.

Hence, option (b) is correct.

68. Choose the most suitable Venn diagram for the following words?
Grapes, Pineapple, Fruit

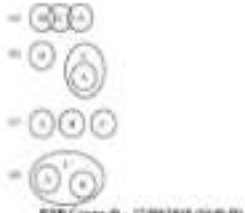


RRB Group-D – 16/10/2018 (Shift-II)

Ans. (a) : Grapes and Pineapple are Fruits.

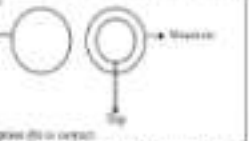
Hence, option (a) is correct.

69. Which of the following diagrams correctly represents the relationship between the given classes?
A) Top
B) Clouds
C) Mountain



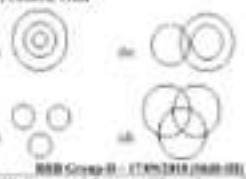
RRB Group-D – 17/09/2018 (Shift-II)

Ans. (b) :



Hence, option (b) is correct.

70. Choose the most suitable Venn diagram for the following words?
TV, Camera, Train

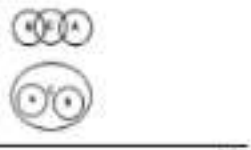


RRB Group-D – 17/09/2018 (Shift-III)

Ans. (a) TV, Camera and Train are different from one another.

Hence, option (a) is correct.

71. Which of the following diagrams correctly represents the relationship between the given classes?
A. Button
B. Pen
C. Shirt



(c)

(d)

RRB Group-D – 17/09/2018 (Shift-II)

Ans. (c) Button is part of shirt but pen is different.

Hence, option (c) is correct.

72. **Choose the most suitable Venn diagram for the following words:**
Garlic, Ginger, Chilly

(a) (b)

(c) (d)

RRB Group-D – 18/09/2018 (Shift-I)

Ans. (d) Garlic, Ginger and Chilly are different from one another.

Hence, option (d) is correct.

73. **Which of the following diagrams correctly represents the relationship between the given classes?**
A. Liver, B. Hearts, C. Parts

(a) (b)

(c) (d)

RRB Group-D – 19/09/2018 (Shift-II)

Ans. (d) Liver and Hearts are Parts of body.

Hence, option (d) is correct.

74. **Which of the following diagrams correctly represents the relationship between the given classes?**
A. Elephant B. Lion
C. Animal

(a)

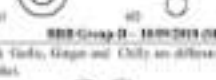
(b)

(c)

(d)

RRB Group-D – 20/09/2018 (Shift-I)

Ans. (b) Elephant and Lion both are Animals



Hence, option (b) is correct.

75. **Which of the following diagrams correctly represents the relationship between the given classes?**
(A) Vegetation (B) Jupiter
(C) Earth

(a)

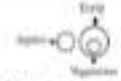
(b)

(c)

(d)

RRB Group-D – 22/09/2018 (Shift-III)

Ans. (d)



Hence, option (d) is correct.

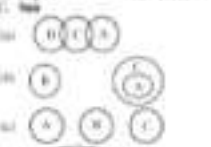
76. Choose the most suitable Venn diagram for the following words:
Metal, Platinum, Oxygen

RRB Group-D – 22/09/2018 (Shift-II)

Ans. (d)

Hence, option (d) is correct.

77. Which of the following diagrams correctly represents the relationship between the given classes?
A. Way B. Ocean
C. Sea

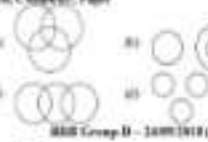


RRB Group-D – 24/09/2018 (Shift-I)

Ans. (b)

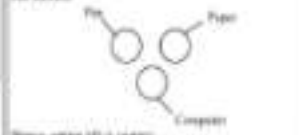
Hence, option (b) is correct.

78. Choose the most suitable Venn diagram for the following words:
Pen, Computer, Paper



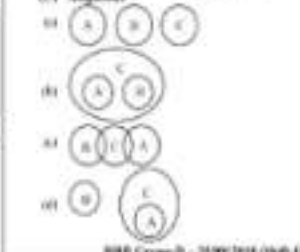
RRB Group-D – 24/09/2018 (Shift-I)

Ans : (d). Pen, Paper and Computer are different from one another.



Hence, option (d) is correct.

79. Which of the following diagrams correctly represents the relationship between the given classes?
(A) Length (B) Breadth
(C) Amplitude



RRB Group-D – 25/09/2018 (Shift-I)

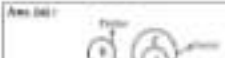
Ans. (b) : Length and Breadth both are characteristics of Amplitude.

Hence, option (b) is correct.

80. Which of the following diagrams correctly represents the relationship between the given classes?
A) Lion B) Painter
C) Parrot

RRB Group-D – 25/09/2018 (Shift-II)

Ans. (a) :



Hence, option (a) is correct.

81. Which of the following diagrams correctly represents the relationship between the given classes?
(A) Computer (B) Table
(C) Electronic

(a)

(b)

(c)

(d)

RRB Group-D – 29/09/2018 (Shift-III)

Ans. (b)

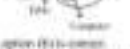
Hence, option (b) is correct.

82. Which of the following diagrams correctly represents the relationship between the given classes?
(1) Walk
(2) Swimming
(3) Workout

(a)

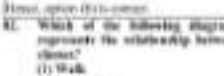
(b)

(c)

(d) 

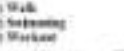
RRB Group-D – 26/09/2018 (Shift-II)

Ans. (c) Walk and swimming both are in type of workout.



Hence, option (c) is correct.

83. Which of the following diagrams correctly represents the relationship between the given classes?
A) Biscuits B) Blue letters
C) Cook

(a) 

(b)

(c)

(d)

RRB Group-D – 26/09/2018 (Shift-III)

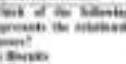
Ans. (d) : Biscuit and Blue letters both are cooked food.

Hence, option (d) is correct.

84. Which of the following diagrams correctly represents the relationship between the given classes?
A. Bell B. Water C. Brass

(a)

(b)

(c) 

(d)

RRB Group-D – 27/09/2018 (Shift-I)

Ans. (a) Brass is used for making bell but water is different.

Hence, option (a) is correct.

85. Which of the following diagrams correctly represents the relationship between the given classes?
A) Coat B) Cloth
C) Letter

(a)

(b)

(c)

(d)

RRB Group-D – 27/09/2018 (Shift-III)

Ans. (d) : Cow, Cloth and Letter are different from one another.

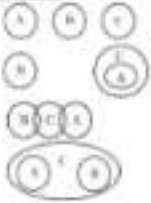
Hence, option (d) is correct.

86. Which of the following diagrams correctly represents the relationship between the given classes?

(A) Spades (B) Bird

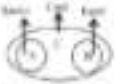
(C) Pack of cards

(a)
(b)
(c)
(d)



RRB Group-D – 20/09/2018 (Shift-I)

Ans. (d) : Spades and bird both are found in pack of cards.



Hence, option (d) is correct.

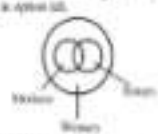
87. Choose the most suitable Venn diagram for the following words-

Women, Mothers, Sisters

(a)
(b)
(c)
(d)

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (d) : Some women are mothers some women are sister. So, that Venn diagram represents best relationship is option (d).

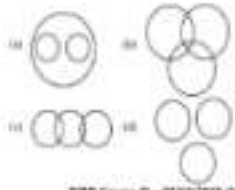


Hence, option (d) is correct.

88. Choose the most suitable Venn diagram for the following words-

Vegetables, Capsicum, Beans

(a)
(b)
(c)
(d)



RRB Group-D – 05/10/2018 (Shift-I)

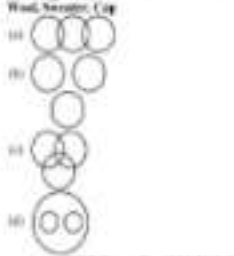
Ans. (a) Capsicum, and Beans both are Vegetables.

Hence, option (a) is correct.

89. Choose the most suitable Venn diagram for the following words-

Wood, Sweater, Cup

(a)
(b)
(c)
(d)



RRB Group-D – 09/10/2018 (Shift-I)

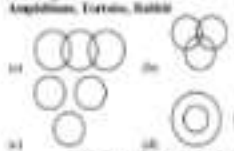
Ans. (c) Some Cup and Sweater is made by Wood.

Hence, option (c) is correct.

90. Choose the most suitable Venn diagram for the following words-

Amphibians, Tortoise, Rabbit

(a)
(b)
(c)
(d)



RRB Group-D – 10/10/2018 (Shift-I)

Ans. (d) : Tortoise is amphibious while Rabbit is mammals.

Hence, option (d) is correct.

91. **Choose the most suitable Venn diagram for the following words:**
Bus, Car, Bicycle

(a)
(b)
(c)
(d)

RRB Group-D – 10/10/2018 (Shift-III)

Ans. (a) : Bus, Car and Bicycle are different from one another.

Hence, option (a) is correct.

92. **Choose the most suitable Venn diagram for the following words:**
Earth, Jupiter, Solar system

(a)
(b)
(c)
(d)

RRB Group-D – 10/10/2018 (Shift-III)

Ans. (b) : Earth and Jupiter both are part of Solar system.

Hence, option (b) is correct.

93. **Choose the most suitable Venn diagram for the following words:**
Sun, Jupiter, Solar system

(a)
(b)
(c)
(d)

RRB Group-D – 05/11/2018 (Shift-I)
RRB Group-D – 09/10/2018 (Shift-II)

Ans. (c) Sun and Jupiter both are part of Solar system.

Hence, option (c) is correct.

94. **Choose the most suitable Venn diagram for the following words:**
Wood, Table, Door

(a)
(b)
(c)
(d)

RRB Group-D – 11/10/2018 (Shift-III)

Ans. (d) : Some Table and Door are made of Wood.

Hence, option (d) is correct.

95. **Which of the following diagrams correctly represents the relationship between the given classes?**
A. Blood
B. Wheat
C. Body

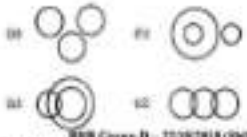
(a)
(b)
(c)
(d)

RRB Group-D – 16/10/2018 (Shift-II)

Ans. (a) : Blood is found in body while wheat is a type of crop.

Hence, option (a) is correct.

96. **Choose the most suitable Venn diagram for the following words:**
Curtains, Shoes, Refrigerator

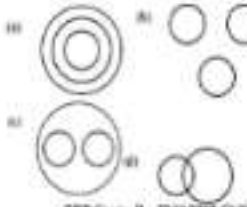


RRB Group-D – 22/10/2018 (Shift-I)

Ans. (a) : Cutlery, Shoes and Refrigerator are different from one another.

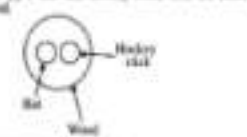
Hence, option (a) is correct.

97. Choose the most suitable Venn diagram for the following words-
Bat, Hockey stick, Wood



RRB Group-D – 22/10/2018 (Shift-II)

Ans. (c) : Bat and Hockey stick, both are made by Wood.



Hence, option (c) is correct.

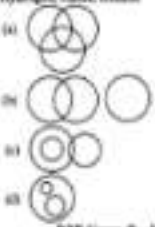
98. Choose the most suitable Venn diagram for the following words-
Copper, Metal, Krypton

RRB Group-D – 22/10/2018 (Shift-III)

Ans. (b) : Copper is a type of Metal while Krypton is a gas.

Hence, option (b) is correct.

99. Choose the most suitable Venn diagram for the following words-
Hydrogen, Gases, Helium

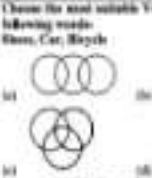


RRB Group-D – 24/10/2018 (Shift-II)

Ans. (d) Helium and Hydrogen both are Gas.

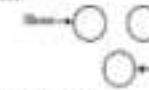
Hence, option (d) is correct.

100. Choose the most suitable Venn diagram for the following words-
Shoes, Car, Bicycle



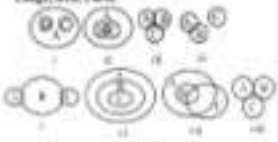
RRB Group-D – 31/10/2018 (Shift-I)

Ans. (b) : Shoes, Car and Bicycle are different from each other.



Hence, option (b) is correct.

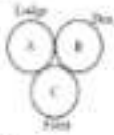
101. Choose the most suitable Venn diagram for the following words:
Lodge, Dies, Farm



(a) (b)
(c) (d)

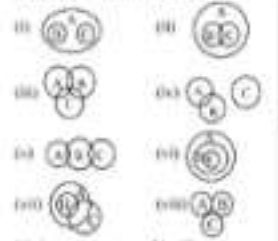
RRB Group-D – 09/12/2018 (Shift-I)

Ans. (a) : Lodge, Dies and Farm are different from one another.



Hence, option (a) is correct.

102. Choose the most suitable Venn diagram for the following words:
A. Drivers, B. Formal, C. Casual



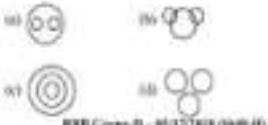
(a) (b)
(c) (d)

RRB Group-D – 09/12/2018 (Shift-I)

Ans. (a) Formal and Casual both are type of Drivers.

Hence, option (a) is correct.

103. Which of the following diagrams correctly represents the relationship between the given classes?
Vegetables, Food, Cauliflower



(a) (b)
(c) (d)

RRB Group-D – 05/12/2018 (Shift-II)

Ans. (c)

Hence, option (c) is correct.

104. Choose the most suitable Venn diagram for the following words:
Mathematics, Physics, Chemistry

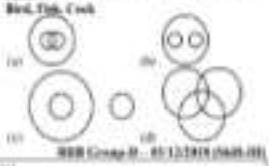
(a) (b)
(c) (d)

RRB Group-D – 04/12/2018 (Shift-III)

Ans. (c) Mathematics, Physics and Chemistry are different from each other.

Hence, option (c) is correct.

105. Which of the following diagrams correctly represents the relationship between the given classes?
Bird, Fish, Cook



(a) (b)
(c) (d)

RRB Group-D – 05/12/2018 (Shift-III)

Ans. (c)

Hence, option (c) is correct.

106. Which of the following diagrams correctly represents the relationship between the given classes?
A. Visualisation
B. Imagination
C. Mental process

(a)
(b)
(c)
(d)

RRB Group-D – 16/11/2018 (Shift-I)

Ans. (d) : Visualisation and Imagination both are Mental process.

Hence, option (d) is correct.

107. Which of the following diagrams correctly represents the relationship between the given classes?
(A) Musician (B) Poet (C) Artist

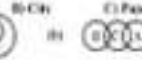
(a)
(b)
(c)
(d)

RRB Group-D – 16/11/2018 (Shift-II)

Ans. (a) Poet and Musician both are Artist.

Hence, option (a) is correct.

108. Which of the following diagrams correctly represents the relationship between the given classes?
A) Mountain B) City C) Paper

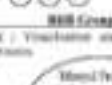
(a)
(b) 
(c)
(d)

RRB Group-D – 13/11/2018 (Shift-I)

Ans. (c) : Mountain, City and Paper are different from each other.

Hence, option (c) is correct.

109. Which of the following diagrams correctly represents the relationship between the given classes?
A) Flour B) Plastic C) Lock

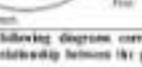
(a) 
(b)
(c)
(d)

RRB Group-D – 15/11/2018 (Shift-III)

Ans. (b) : Flour, Plastic and Lock are different from each other.

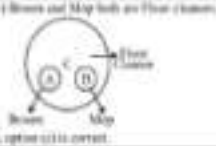
Hence, option (b) is correct.

110. Which of the following diagrams correctly represents the relationship between the given classes?
A) Broom B) Mop C) Floor cleaner

(a)
(b)
(c)
(d) 

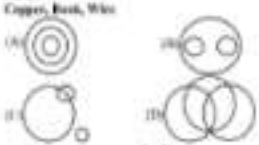
RRB Group-D – 12/11/2018 (Shift-I)

Ans. (c) Broom and Mop both are Floor cleaners.



Hence, option (c) is correct.

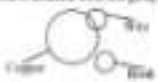
111. **Which of the following diagrams correctly represents the relationship between the given classes?**
Copper, Book, Wire



(a) A (b) B
(c) C (d) D

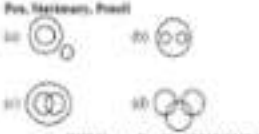
RRB Group-D – 05/11/2018 (Shift-I)

Ans. (c) Some Copper is used for making Wire, but Book is different from this group.



Hence, option (c) is correct.

112. **Which of the following diagrams correctly represents the relationship between the given classes?**
Pen, Stationery, Pencil



RRB Group-D – 02/11/2018 (Shift-I)

Ans. (b) Pen and Pencil both are Stationery.

Hence, option (b) is correct.

113. **Which of the following diagrams correctly represents the relationship between the given classes?**
A. Water B. Mountain
C. Dam

RRB Group-D – 02/11/2018 (Shift-I)

Ans. (c) Water, Mountain and Dam are different from each other.

Hence, option (c) is correct.

114. **Which of the following correctly represents the relationship between-**
A) Singing B) Dance C) Art

RRB Group-D – 02/11/2018 (Shift-II)

Ans. (a) Singing and Dance both are Art.

Hence, option (a) is correct.

115. **Which of the following correctly represents the relationship between-**
A. Tiger B. Fox C. Animal

RRB Group-D – 02/11/2018 (Shift-III)

Ans. (a) Tiger and Fox both are Animal.

Hence, option (a) is correct.

116. **Which of the following diagrams correctly represents the relationship between the given classes?**
(A) Metal (B) Sand (C) Water

RRB Group-D – 01/11/2018 (Shift-II)

Ans : (c) Metal, Sand and Water are different from each other

Hence, option (c) is correct.

117. **Which of the following correctly represents the relationship between-**
(A) Ear
(B) Nose
(C) Face

(a)

(b)

(c)

(d)

RRB Group-D – 05/11/2018 (Shift-II)

Ans. (a) Ear and Nose both are connected to Face.

Hence, option (a) is correct.

118. **Which of the following diagrams correctly represents the relationship between the given classes?**
A. Gold **B. Platinum**
C. Metal

(a)

(b)

(c)

(d)

RRB Group-D – 15/10/2018 (Shift-III)

Ans. (a) Platinum and Gold both are Metals.

Hence, option (a) is correct.

119. **Choose the most suitable Venn diagram for the following words-**
Pen, Gun, Duster

(a)

(b)

(c)

(d)

RRB Group-D – 15/10/2018 (Shift-III)

Ans. (d) Gun, Pen and Duster are different from each other.

Hence, option (d) is correct.

120. **Choose the most suitable Venn diagram for the following words-**
Frog, Cat, Dog

(a)

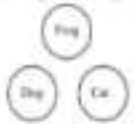
(b)

(c)

(d)

RRB Group-D – 12/10/2018 (Shift-II)

Ans. (a) Frog, Cat, and Dog are different organisms.



Hence, option (a) is correct.

121. **Which of the following correctly represents the relationship between Cloth, Pen, Table.**

(a)

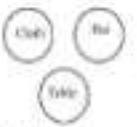
(b)

(c)

(d)

RRB Group-D – 09/10/2018 (Shift-II)

Ans. (d) Cloth, Pen and Table are different from each other.



Hence, option (d) is correct.

122. **Choose the most suitable Venn diagram for the following words-**
Table, Turtoise, Furniture

RRB Group-D – 08/10/2018 (Shift-I)

Ans. (c)

Hence, option (c) is correct.

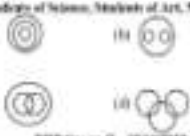
123. Choose the most suitable Venn diagram for the following words:
Animals, Hippopotamus, Rhinoceros

RRB Group-D – 09/10/2018 (Shift-III)

Ans. (a)
Rhinoceros and Hippopotamus both are Animals

Hence, option (a) is correct.

124. Which of the following diagrams correctly represents the relationship between the given classes?
Students of Science, Students of Art, Male



RRB Group-D – 09/10/2018 (Shift-III)

Ans. (d) Some Student of Art and Student of Science is Male.

Hence, option (d) is correct.

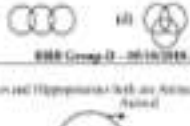
125. Choose the most suitable Venn diagram for the following words:
Capsicum, Mat, Hot

RRB Group-D – 04/10/2018 (Shift-I)

Ans. (c) Capsicum, Mat and Hot are different from each others.

Hence, option (c) is correct.

126. Choose the most suitable Venn diagram for the following words:
Animal, Zebra, Rhinoceros



RRB Group-D – 01/10/2018 (Shift-I)

Ans. (d) Zebra and Rhinoceros both are Animal.

Hence, option (d) is correct.

127. Choose the most suitable Venn diagram for the following words:
Mobile, Laptop, Electronic device

RRB Group-D – 01/10/2018 (Shift-I)

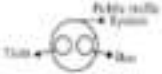
Ans. (a) Laptop and Mobile both are Electronic device

Hence, option (a) is correct.

128. Choose the most suitable Venn diagram for the following words-
Train, Bus, Public Traffic System

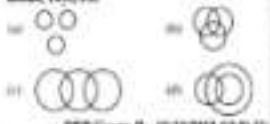
RRB Group-D – 01/10/2018 (Shift-I)

Ans. (a) Train and Bus, both are a part of Public Traffic System.



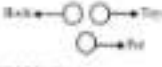
Hence, option (a) is correct.

129. Choose the most suitable Venn diagram for the following words-
Books, Toys, Pot



RRB Group-D – 01/10/2018 (Shift-II)

Ans. (a) Books, Toys and Pot are different from each other.



Hence, option (a) is correct.

130. Choose the most suitable Venn diagram for the following words-
Metal, Gold, Platinum

RRB Group-D – 01/10/2018 (Shift-III)

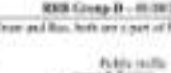
Ans. (a) Gold and Platinum both are Metal.

Hence, option (a) is correct.

131. Choose the most suitable Venn diagram for the following words-
Amphibians, Tortoise, Crocodile

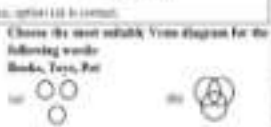
RRB Group-D – 01/10/2018 (Shift-III)

Ans. (c) Tortoise and Crocodile both are Amphibians.



Hence, option (c) is correct.

132. Choose the most suitable Venn diagram for the following words-
Pot, Furniture, Drawer



RRB Group-D – 01/10/2018 (Shift-III)

Ans. (d) : Pot, Furniture and Drawer are different from each other.

Hence, option (d) is correct.

133. Which of the following diagram correctly represents the relationship between the given classes?
(A) Hallali
(B) Spanish
(C) Language

RRB Group-D – 28/09/2018 (Shift-III)

Ans. (b) : Italian and Spanish both are Language.

Hence, option (b) is correct.

114. Which of the following diagrams correctly represents the relationship between the given classes?

(A) Button
(B) Shirts
(C) Shirt

(a)
(b)
(c)
(d)

RRB Group-D – 23/09/2018 (Shift-I)

Ans. (b) : Button and Shirts both are related to Shirt

Hence, option (b) is correct.

115. Choose the most suitable Venn diagram for the following words-

A. Carrot
B. Cauliflower
C. Vegetables

(a)
(b)
(c)
(d)

RRB Group-D – 19/09/2018 (Shift-I)

Ans. (a) : Carrot and Cauliflower both are Vegetables.

Hence, option (a) is correct.

116. Which of the following diagrams correctly represents the relationship between the given classes?

A. Sitar, B. Harp C. Musical Instrument

(a)
(b)
(c)
(d)

RRB Group-D – 18/09/2018 (Shift-III)

Ans. (c) Sitar and Harp both are Musical Instrument.

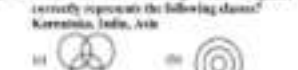
Hence, option (c) is correct.

117. Which of the following diagrams represent the relationship between Male, Husband and Model.

(a)
(b)
(c)
(d)

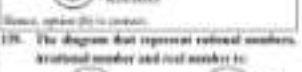
RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (c) :



Hence, option (c) is correct.

118. Which of the following Venn diagrams correctly represents the following classes? Karnataka, India, Asia

(a)
(b)
(c)
(d) 

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (b) : Karnataka is the part of India and India is the part of Asia.

Hence, option (b) is correct.

119. The diagram that represent rational numbers, irrational number and real number is:

(a)
(b)
(c)
(d)

RRB ALP & Tec. (30-08-18 Shift-III)

Ans. (c) : Rational number and Irrational number both are real number.

Hence, option (c) is correct.

140. Which of the following Venn diagrams correctly represents the following classes?
Eagle, Bird, Cat

RRB ALP & Tec. (14-08-18 Shift-II)

Ans. (b) : Eagle is type of bird and cat is animal

Hence, option (c) is correct.

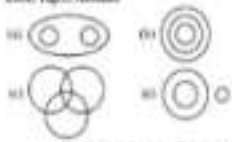
141. Select the most suitable Venn diagram to represent the following relationship.
India, Maharashtra and Kerala

RRB ALP & Tec. (10-08-18 Shift-II)

Ans. (a) : Maharashtra and Kerala are states of India.

Hence, option (a) is correct.

142. Which of the following Venn diagrams correctly represents the following classes?
Lion, Tiger, Animals



RRB ALP & Tec. (17-08-18 Shift-II)

Ans. (c) : Lion and Tiger both are Animals

Hence, option (c) is correct.

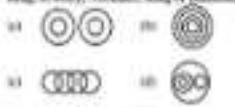
143. Which of the following Venn diagrams correctly represents the following classes?
Men, Fathers, Doctors

RRB ALP & Tec. (14-08-18 Shift-II)

Ans. (b) :

Hence, option (b) is correct.

144. Which of the following diagrams correctly represents the relationship between the given classes?
Ring, Jewelry, Necklace, Ring of Diamonds



RRB JE - 31/05/2019 (Shift-III)

Ans. (d)

Hence, option (d) is correct.

145. Which of the following diagrams correctly represents the relationship among the given classes?
Word, Sentence, Alphabet, Article

RRB JE - 27/05/2019 (Shift-II)

Ans. (d) :

Hence, option (d) is correct.

146. Which of the following diagrams correctly represents the relationship between the given classes?
Triangle, Quadrilateral, Square

(a)
(b)
(c)
(d)

RRB JE - 26/06/2019 (Shift-II)

Ans. (b) :

Hence, option (b) is correct.

147. Which of the following diagrams correctly represents the relationship between the given classes?
Truck, Ship, Goods

(a)
(b)
(c)
(d)

RRB JE - 01/06/2019 (Shift-I)

Ans. (b) :

Hence, option (b) is correct.

148. Which of the following diagrams correctly represents the relationship between the given classes?
Photography, Time, History, Stage

(a)
(b)
(c)
(d)

RRB JE - 30/05/2019 (Shift-II)

Ans. (b) : Photography, Time, History and Stage are different from each others.

Hence, option (b) is correct.

149. Which of the following diagrams correctly represents the relationship between the given classes?
Oil, Wick, Lamp

(a)
(b)
(c)
(d)

RRB JE - 20/05/2019 (Shift-I)

Ans. (c) : Wick and oil are part of Lamp.

Hence, option (c) is correct.

150. Which of the following diagrams correctly represents the relationship between the given classes?
Indoor Games, Chess, Table Tennis, Cricket

(a)
(b)
(c)
(d)

RRB JE - 31/05/2019 (Shift-I)

Ans. (d) :

Hence, option (d) is correct.

151. Which of the following diagrams correctly depicts the relationship between the given classes?
Wheat, Grain, Onion, Maize

RRB JE - 25/05/2019 (Shift-I)

Ans. (b) :

Hence, option (b) is correct.

152. Which of the following diagrams correctly represents the relationship between the given classes?
Mother, Children, Human, Father

RRB JE - 25/05/2019 (Shift-II)

Ans. (b) : Mother, Father, Children (siblings (other) all are come in Human categories.

Hence, option (b) is correct.

153. Which of the following diagrams correctly represents the relationship between the given classes?
India, Europe, Asia, Germany

RRB JE - 26/06/2019 (Shift-I)

Ans. (c)

Hence, option (c) is correct.

154. Which of the following diagrams correctly represents the relationship between the given classes?
Company, School, Culture, Health

RRB JE - 24/05/2019 (Shift-I)

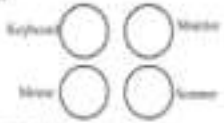
Ans. (d) : Company, School, Culture, Health are different from each other.

Hence, option (d) is correct.

155. Which of the following diagrams correctly represents the relationship between the given classes?
Keyboard, Monitor, Mouse, Scanner

RRB JE - 02/06/2019 (Shift-II)

Ans. (b)



Hence, option (b) is correct.

116. Which of the following diagrams correctly represents the relationship between the given classes?
Crocodile, Fish, Turtle, Reptile

(a)

(b)

(c)

(d)

RRB JE - 20/05/2019 (Shift-I)

Ans. (b) :

Hence, option (b) is correct.

117. Which of the following diagrams correctly represents the relationship between the given classes?
Pharmacist, Professional, Architect, Carpenter

(a)

(b)

(c)

(d)

RRB JE - 22/05/2019 (Shift-III)

Ans. (a) :

Hence, option (a) is correct.

118. Which of the following diagrams correctly represents the relationship between the given classes?
Officer, Government Employee, Male

(a)

(b)

(c)

(d)

RRB JE - 26/05/2019 (Shift-II)

Ans. (c) :

Hence, option (c) is correct.

119. Which of the following diagrams correctly represents the relationship between the given classes?
State, Continent, District, Country

(a)

(b)

(c)

(d)

RRB JE - 01/06/2019 (Shift-III)

Ans. (c)

Hence, option (c) is correct.

10.

Problems based on Diagram

Type - I

1. In the given diagram, the circle represents 'doctors', the triangle represents 'actors' and the pentagon represents 'gentlemen'. Which of the following symbol(s) represent(s) those 'gentlemen' who are 'actors'?

(a) * x (b) * ©
(c) * x* (d) *

RRB NTPC 03.03.2021 (Shift-I) Stage Ist

Ans. (a) : Symbols (* *) represent gentlemen who are also actors.

2. In the following diagram square represents students, circle represents hard workers and triangle represents the urban people. Find the region that represents hard working students who are not urban?

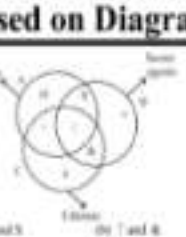
(a) D (b) A
(c) C (d) B

RRB NTPC 06.04.2021 (Shift-I) Stage Ist

Ans. (c) :

The region which represents hard working students who are not urban – C

3. In the given diagram, circle A represents clerks, circle B represents secret agents and circle C represents citizens. Which of the following symbols represent (s) those secret agents who are also clerks?



(a) ↑ and S (b) ↑ and ®
(c) © and ↑ (d) Only S

RRB NTPC 16.07.2021 (Shift-I) Stage Ist

Ans. (a) : From the given venn diagram symbols '↑' and 'S' represents secret agents who are also clerks.

4. Study the given figure and answer the given question.

Which area represents the students who are musicians but not players ?
(a) R (b) S
(c) E (d) Q

RRB NTPC 24.12.2020 (Shift-II) Stage Ist

Ans. (d) : Region 'Q' represents those students who are musicians but not players.

5. In the given diagram, circle represents 'boxers', square represents 'philosophers' and arrow represents 'business women'.

Which of the following letters represents boxers who are not men?
(a) N (b) L
(c) M (d) O

RRB NTPC 10.02.2021 (Shift-II) Stage Ist

Ans. (a) :

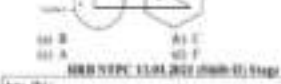
Letter N represents boxers who are not men.

5. **In the given figure, the circle represents persons who are 'teachers', the triangle represents persons who are 'students', the diamond represents persons who are 'clerks' and the hexagon represents persons who are 'lab attendants'.**
Based on the figure, select the region that represents persons who are only teachers.

(a) B (b) E
(c) A (d) F

RRB NTPC 11.01.2021 (Shift-II) Stage 1st

Ans. (b) :



On the basis of the given figure, 'C' represents persons who are only teachers.

6. **In the given diagram, circle represents 'tall people', square represents 'girls' and arrow represents 'boys'.**

Which of the following letters represents persons who are tall but are not girls?
(a) D and E (b) C, D and B
(c) C and E (d) C and D

RRB NTPC 07.04.2021 (Shift-I) Stage 1st

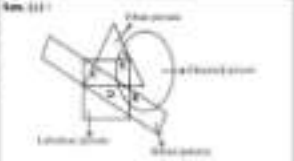
Ans. (d) : It is clear from the given diagram that letter C and D represent persons who are tall but are not girls.

8. **In the given diagram, the circle represents 'educated persons', the triangle represents 'urban persons', the square represents 'labourer persons', and the rectangle represents 'homeless persons'.**

Which region represents uneducated, homeless, labourer persons who are NOT urban?
(a) D (b) B
(c) E (d) C

RRB NTPC 09.02.2021 (Shift-II) Stage 1st

Ans. (c) :



Hence, region shown by 'D' represents uneducated, homeless and labourer persons who are not urban.

Instructions—Question No. (9-10) : Answer the given questions based on the following information.

Triangle A represents Arabic-speaking people, circle C represents Chinese-speaking people, quadrilateral K represents Korean-speaking people and rectangle D represents Dutch-speaking people.

9. **Which of the following statements are true in the above figure?**
(a) There are some people who speak all four languages
(b) Some Dutch – speaking people may speak either Arabic or Korean
(c) Some people who speak Korean may not speak all languages
(d) All Arabic speaking people can speak Chinese, but not Dutch

RRB NTPC 30.04.2016 Shift – I

Ans. (b) : It is clear from above diagram that some people who speak Dutch may speak either Arabic or Korean.

10. **In the given above figure, which of the following statements is true?**
(a) All those who speak Chinese, speak Dutch
(b) All those who speak Chinese, speak Korean
(c) All Dutch speaking people, speak Korean and Arabic
(d) All Chinese speaking people also speak Arabic

RRB NTPC 30.04.2016 Shift – I

Ans. (d) : By studying the above diagram, it is clear that everyone who speaks Chinese can also speak Arabic.

Instructions (11–13) : Study the following information and answer the questions below.

In the given below figure, the smallest triangle represents the professor, the largest triangle represents the leader, the circle represents the graduate and the rectangle represents the university members.

11. **Which are such leaders who are neither professors nor graduates?**
(a) C, F (b) D, E
(c) C, H (d) L, N

RRB NTPC 29.04.2016 Shift : 3

Ans. (d) : The diagram is as follows who also

From the above diagram number of such leaders who are neither professors nor graduates = L, H

12. **Which are such leaders who are graduate but not members of the university?**
(a) B, C (b) L, N
(c) D, E (d) A, H, L

RRB NTPC 29.04.2016 Shift : 3

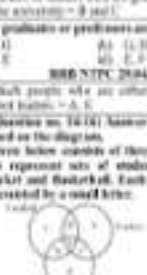
Ans. (a) : Number of leaders who are graduates but not members of the university = B and C

13. **Which graduates or professors are not leaders?**
(a) B, H (b) L, H
(c) A, E (d) C, F

RRB NTPC 29.04.2016 Shift : 3

Ans. (c) : Such people who are either professor or graduate but not leaders = A, E

Directions (Question no. 14-16) Answer the following questions based on the diagram.
The figure given below consists of three intersecting circles which represent sets of students who play Football, Cricket and Basketball. Each region in the figure is represented by a small letter.



14. **Which region represents the set of persons who play Football but neither Cricket nor Basketball ?**
(a) Region a (b) Region b
(c) Region c (d) Region d

RRB NTPC 29.04.2016 Shift : 2

Ans. (a) : Region 'a' shows such group of people who play football but neither cricket nor basketball.

15. **Which region represents the set of persons who play all the three games?**
(a) Region b (b) Region e
(c) Region f (d) Region g

RRB NTPC 29.04.2016 Shift : 2

Ans. (b) : Region 'e' represents the group of people who play all three games.

16. **Which region represents the set of persons who play Football and Basketball but not Cricket?**
(a) Region g (b) Region e
(c) Region c (d) Region b

RRB NTPC 29.04.2016 Shift : 2

Ans. (d) : Region 'b' shows the people who play football and basketball but not play cricket.

Instructions (17-19) : In the following the diagram, the squares represent boys, circle shape dwarfs, triangle shape badminton players and rectangle shape writers. Answer the following question.

17. **Which letter represents dwarf boys who are writers but not play Badminton?**
(a) Shape C (b) Shape D
(c) Shape G (d) Shape D

RRB Paramedical 30.07.2019 Shift : III

Ans. (c) : The diagram is as follows :

It is clear from the above diagram that the letter 'G' represents the dwarf boys who are writers but not play badminton.

18. **Which shape represents the dwarf boys who do not play badminton and who are not writers?**
(a) Shape E (b) Shape D
(c) Shape E (d) Shape G

RRB NTPC 07.04.2016 Shift : 1

Ans. (b) : It is clear from the above diagram that letter D represents the dwarf boys who do not play badminton and who are not writers also.

19. **Which letter represents the boys who are writers but not dwarfs?**
(a) Shape B (b) Shape E
(c) Shape F (d) Shape D

RRB NTPC 07.04.2016 Shift : 1

Ans. (c) : Letter F denotes the boys who are writers but not dwarfs.

20.

According to the given Venn diagram, the total number of students who play cricket as well as Kabaddi but not Football is _____
(a) V (b) T
(c) R (d) U

RRB ALP & Tec. (29-08-18 Shift-I)

Ans. (b) : From the given diagram the letter T denotes number of students who play cricket as well as Kabaddi but not football.

21.

In the given diagram, the triangle represents the set of people who possess a car; the square represents the set of people who possess a house; and the circle represents the set of people who possess gold.
What is the total number of people who possess a house and gold but do not have a car?

(a) V + VI (b) V
(c) V + VII (d) V + III

RRB ALP & Tec. (21-08-18 Shift-1)

Ans. (b) :

So the total number of people who have house and gold but do not have motor car = V

21.

In the given diagram, the triangle represents the set of people who have a car; the square represents the set of people who have a house; and the circle represents the set of people who have gold. The total number of people who have only one among the three, that is, house, car or gold, is:

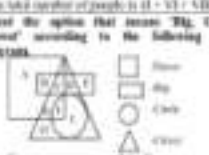
(a) II + IV + V (b) I + VI + VII
(c) V + VII (d) IV + I

RRB ALP & Tec. (21-08-18 Shift-1)

Ans. (b) :
After observing the given diagram, we get :

Number of people who have only cars = I
Number of people who have only gold = VII
Number of people who have only house = III
So the total number of people (I + VII + VI) who have only one thing out of the three (car, house, gold)
Hence, the total number of people is (I + VI + VII)

23. **Select the option that means 'Big, Clever, Parrot' according to the following Venn diagram.**



(a) C (b) F
(c) B (d) H

RRB ALP & Tec. (21-08-18 Shift-1)

Ans. (a) : In the given Venn Diagram 'C' means 'Big, Clever, Parrot'.

24. **In the following Venn Diagram which letter represents all those who play Cricket as well as Kabaddi and also all the three games?**

(a) U + Q (b) S + T
(c) T + R (d) Q + Y

RRB ALP & Tec. (21-08-18 Shift-III)

Ans. (b) : All those people who play Kabaddi as well as cricket and those who also play all three games = S + T

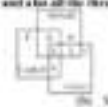
25. **According to the Venn Diagram picture, which of the following shows the total number of students participating in all the three sports along with cricket and football?**

(a) S + Q (b) Q + V
(c) S (d) S + V

RRB ALP & Tec. (14-08-18 Shift-I)

Ans. (d) : It is clear from the given diagram that the number of students participating in all the three sports with cricket and football = S + T
So, option (d) is true.

26. **According to the given Venn diagram, the total number of students who play Kabaddi as well as football and also all the three games is ?**



(a) S + V (b) S + T
(c) S + Q (d) S

RRB ALP & Tec. (13-08-18 Shift-I)

Ans : (c) It is clear from the above Venn Diagram that the letter 'Q' is representing those students who play football as well as kabaddi and the letter 'S' is representing those students who play all three games (kabaddi, football and cricket)
Hence, the required number of students = S+Q

27.

As per the given Venn diagram, which letter represents the total number of students who play cricket as well as football but not Kabaddi is _____?

(a) V (b) T
(c) R (d) P

RRB ALP & Tec. (19-08-2018 (Shift-2))

Ans. (a) : In the given Venn diagram 'V' represents the number of students who play both football and cricket but not kabaddi.

28. In the following Venn diagram which region represents the coach who is also a player but not a girl?

(a) U (b) T
(c) R (d) S

RRB ALP & Tec. (09-08-2018 (Shift-2))

Ans. (b) : In the given figure the letter 'T' represents the coach and also the player, but not a girl.

29. In the given figure, the circle represents the graduates, the triangle represents the workers and the square represents the postgraduates. Which field represents the graduates and the postgraduates but not the workers?

(a) D (b) C
(c) F (d) G

RRB Constable 29.01.2019 Shift - I

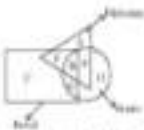
Ans. (a) : It is clear that from above diagram area F represents graduates and the postgraduates but not the workers.

30. In the given figure, the circle represents the books, the triangle represents the dictionaries and the rectangle represents the novels. Which represents the dictionary and novel but not the book?

(a) F (b) E
(c) G (d) D

RPF SI 13.01.2019 Shift - I

Ans. (d)



Hence, it is clear from the above diagram letter F represents the dictionary and novel but not the book.

31. In the given figure, the circle represents the vehicle, the triangle represents the four wheeler vehicle, and the rectangle represents the car. Which represents a car and a four wheeler vehicle but not a vehicle?

(a) S (b) Q
(c) U (d) T

RRB JE - 26/05/2019 (Shift-II)

Ans. (b) :

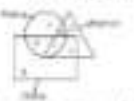
Hence, it is clear that letter Q represents the car and the four wheeler vehicle but not the vehicle.

32. In the given figure, the circle denotes the writers, the triangle represents the engineers and the square represents the dancers. Which letter represents writers and dancers but not engineers?

(a) E (b) G
(c) D (d) C

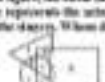
RRB JE - 26/05/2019 (Shift-II)

Ans. (c) :



Hence, it is clear from the above diagram that D represents writers and dancer but not engineers.

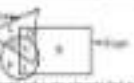
33. In the given figure, the circle denotes the dancers, the triangle represents the actors, and the square represents the singers. Whom does T represent?



(a) Those dancers, who are singers but not actors
(b) Those dancers, who are not actors
(c) Those dancers, who are both singers and actors
(d) Dancers who are not singers

RRB JE - 27/06/2019 (Shift-I)

Ans. (a) :



T represents dancers who are singers but not actors.

34. In the given figure, the circle denotes the boys, the triangle represents the students, and the rectangle represents the youth, then M represents

(a) Those students, who are both boys and youth
(b) Those students, who are boys but not youth
(c) Those students, who are only youth
(d) Those students, who are not boys

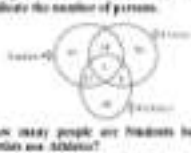
RRB JE - 26/05/2019 (Shift-I)

Ans. (b)

M represents those students who are boys but not youth.

Type - 2

35. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are Students but neither Artists nor Athletes?

(a) 48 (b) 60
(c) 14 (d) 15

RRB Group-D 14-09-2022 (Shift-I)

Ans. (b) : From the given Venn diagram it is clear that 60 people are students but neither Artists nor Athletes.

36. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of people with knowledge of different languages – French, German and English.

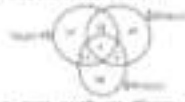
How many people know at least two languages?

(a) 32 (b) 61
(c) 33 (d) 23

RRB Group-D 14-09-2022 (Shift-I)

Ans. (b) : From the Venn Diagram
(a) + 8 + 5 + (b) = 61 people know at least two languages.
Hence, 61 people know at least two languages.

37. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of Persons.



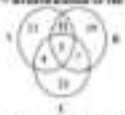
How many people are Singers as well as Dancers but not Painters?

(a) 22 (b) 8
(c) 25 (d) 14

RRB Group-D 14-09-2022 (Shift-II)

Ans. (d) : According to the Venn diagram,
Number of people who are Singers as well as Dancers but not Painters = 14
Hence, option (d) is correct.

38. Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of gardeners assigned with the following tasks.
A = Watering the plants; B = Growing new plants; C = Beautification of the park.

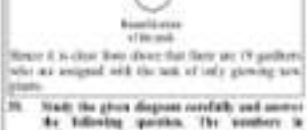


How many such gardeners are there who are assigned with the task of only growing new plants?

(a) 23 (b) 11
(c) 19 (d) 12

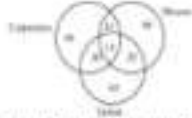
RRB Group-D 27-09-2022 (Shift-II)

Ans. (c) : According to the question,



Hence, it is clear from above that there are 19 gardeners who are assigned with the task of only growing new plants.

39. Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons in different professions.



How many Mazoors are fakiers as well?

(a) 59 (b) 19

(c) 32 (d) 41

RRB Group-D 24-08-2022 (Shift-I)

Ans. (a) : According to the question,

Hence, number of mazoors who are fakiers = 20 + 32 = 59

40. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.

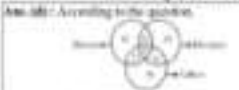
How many such fakiers are there who are also divoiers?

(a) 18 (b) 23

(c) 49 (d) 41

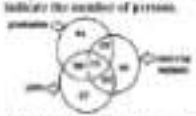
RRB Group-D 24-08-2022 (Shift-I)

Ans. (d) : According to the question,



Hence, number of fakiers who are also divoiers = 23 + 18 = 41

41. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



Which of the following statements is correct on the basis of the above diagram?

(a) The number of girls who are both graduates and morning walkers is 50.

(b) The number of morning walkers who are also girls but not graduates is 18.

(c) The number of graduates who are also morning walkers but not girls is 35.

(d) The number of graduates who are also girls but not morning walkers is 22.

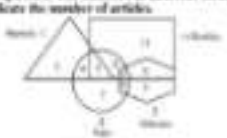
RRB Group-D 25-08-2022 (Shift-III)

Ans. (c) : According to the given Venn diagram,

The number of graduates who are also morning walkers but not girls = 35

Hence, it is clear that only option (c) is correct.

42. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of articles.



How many sub barrels are there that are only jugs?

(a) 4 (b) 3

(c) 6 (d) 1

RRB Group-D– 26/08/2022 (Shift-III)

Ans. (d) : According to the given Venn diagram, there are 4 barrels that are only jugs.

43. Study the Venn Diagram given below and answer the question that follows.

How many female engineers are drivers but not doctors?

(a) 22 (b) 8

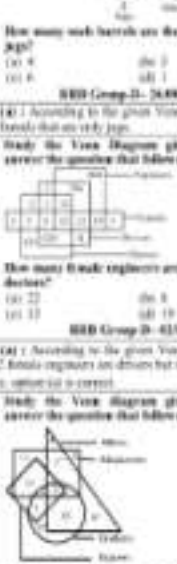
(c) 33 (d) 19

RRB Group-D– 02/09/2022 (Shift-I)

Ans. (a) : According to the given Venn diagram there are 22 female engineers are drivers but not doctors.

Hence, option (a) is correct.

44. Study the Venn diagram given below and answer the question that follows.



How many non-graduate officers are neither administrators nor engineers?

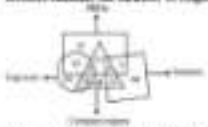
(a) 9 (b) 36

(c) 67 (d) 8

RRB Group-D– 02/09/2022 (Shift-I)

Ans. (b) : According to the given Venn diagram there are (67+4) = 70 non-graduate officers are neither administrators nor engineers.

45. Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of employees.



How many employees with MBA degrees are computer experts but are not engineers and also don't smoke?

(a) 11 (b) 5
(c) 3 (d) 12

RRB Group-D- 22/09/2022 (Shift-I)

Ans. (a) : According to the given diagram there are 11 employees with MBA degrees who are computer experts but are not engineers and also don't smoke.

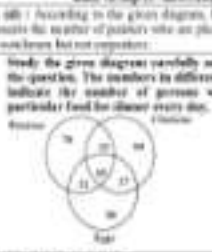
46. Study the given diagram carefully and answer the question. The numbers in different section indicate the number of persons. What does region '13' represent?

(a) The number of carpenters who are only watchmen.
(b) The number of painters who are only watchmen.
(c) The number of painters are only plumbers or neither watchmen nor carpenters.
(d) The number of painters who are plumbers and also watchmen but not carpenters.

RRB Group-D- 22/09/2022 (Shift-I)

Ans. (d) : According to the given diagram, Region 13 represents the number of painters who are plumbers and also watchmen but not carpenters.

47. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who eat a particular food for dinner every day.



How many people eat potatoes and eggs for dinner but NOT chicken?

(a) 81 (b) 21
(c) 18 (d) 36

RRB Group-D- 01/09/2022 (Shift-I)

Ans. (b) : According to the given diagram, there are 21 people who eat potatoes and eggs for dinner but not chicken. Hence, option (b) is correct.

48. Study the given diagram carefully and answer the question. The numbers in different section indicate the number of persons in a company with preferences for different foods for lunch.

How many people prefer salads but NOT rice?

(a) 40 (b) 31
(c) 29 (d) 39

RRB Group-D- 01/09/2022 (Shift-I)

Ans. (a) : According to the given diagram there are (29 + 12) = 41 people who prefer salads but not rice.

49. Study the given diagram carefully and answer the question. The numbers in different section indicate the numbers of different types of juice containing different fruit flavours which are manufactured by a juice company.

How many types of juice does the company make that contain both Apple and Strawberry flavours?

(a) 40 (b) 10
(c) 10 (d) 0

RRB Group-D- 01/09/2022 (Shift-I)

Ans.(c) : According to the given Venn diagram there is 10 types of juice that company make which contains both Apple and Strawberry flavours.

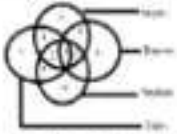
50. Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons.
In the following Venn diagram, how many boys are there who are racers and gymnasts?

(a) 4 (b) 5
(c) 10 (d) 7

RRB Group-D– 02/09/2022 (Shift-III)

Ans. (a) : According to the given Venn diagram there are 4 boys who are neat and geniuses.

31. Study the Venn Diagram given below and answer the question that follows.



How many male students are neither singers nor dancers?

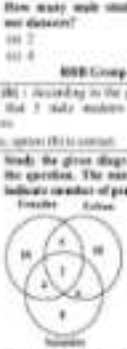
(a) 2 (b) 5
(c) 4 (d) 3

RRB Group-D– 02/09/2022 (Shift-III)

Ans. (b) : According to the given Venn diagram, it is clear that 5 male students are neither singers nor dancers.

Hence, option (b) is correct.

32. Study the given diagram carefully and answer the question. The number in different sections indicate number of persons.



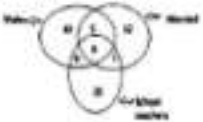
How many such female Scientists are there who are NOT from an Urban area?

(a) 5 (b) 4
(c) 2 (d) 6

RRB Group-D– 13/09/2022 (Shift-II)

Ans. (b) : According to the given Venn diagram there are 4 female scientists who are NOT from an Urban area.

33. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number persons.



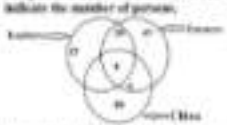
How many married males are school teachers?

(a) 10 (b) 8
(c) 15 (d) 15

RRB Group-D– 13/09/2022 (Shift-II)

Ans. (b) : According to the given Venn diagram there are 8 married males who are school teachers.

34. Study the given diagram carefully and answer the question. The number in different sections indicate the number of persons.



How many such teachers are there who are also farmers but NOT from China?

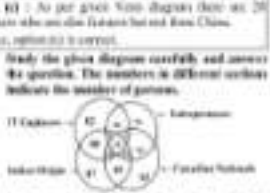
(a) 25 (b) 15
(c) 20 (d) 45

RRB Group-D– 13/09/2022 (Shift-I)

Ans. (c) : As per given Venn diagram there are 20 teachers who are also farmers but not from China.

Hence, option (c) is correct.

35. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many Canadian nationals are there who are entrepreneurs of Indian origin but not it engineers?

(a) 30 (b) 15
(c) 35 (d) 15

RRB Group-D– 02/09/2022 (Shift-II)

Ans. (b) : There are 15 Canadian nationals are there who are entrepreneurs of Indian origin but not engineers.

Hence, option (b) is correct.

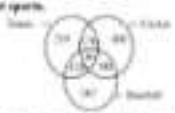
36. Study the given diagram carefully and answer the question. The number in different sections indicate the number of things.
Which number represents AC which are coolers but are not fans?

(a) 9 (b) 7
(c) 6 (d) 3

RRB Group-D– 02/09/2022 (Shift-II)

Ans. (a) : According to the given Venn diagram there are 9 AC which are cricket but not not tennis. Hence, option (a) is correct.

97. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons who like different sports.



How many people like both cricket and baseball?

(a) 100 (b) 190
(c) 230 (d) 80

RRB Group-D– 29/08/2022 (Shift-III)

Ans.(a) : According to the given Venn diagram, Number of people who like both cricket and baseball = 80+100 = 180

98. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons living in a village.

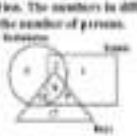
How many surgeons are living in the village?

(a) 185 (b) 300
(c) 35 (d) 150

RRB Group-D– 29/08/2022 (Shift-III)

Ans.(a) : According to the given Venn diagram, Number of surgeons who are living in the village = 40+10+25+100 = 185

99. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such boys are there who play badminton but NOT tennis?

(a) 17 (b) 9
(c) 9 (d) 11

RRB Group-D– 19/09/2022 (Shift-I)

Ans.(d) : According to the given diagram there are 11 boys who play badminton but not tennis.

100. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.

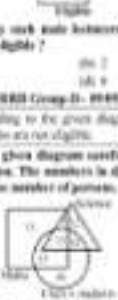
How many such male lecturers are there who are NOT eligible ?

(a) 10 (b) 2
(c) 4 (d) 9

RRB Group-D– 09/09/2022 (Shift-III)

Ans.(c) : According to the given diagram there are 4 male lecturers who are not eligible.

101. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



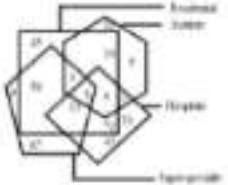
How many class-X students like to study either Maths or Science but not both?

(a) 13 (b) 29
(c) 29 (d) 27

RRB Group-D– 09/09/2022 (Shift-III)

Ans.(c) : According to the given Venn diagram there are (15 + 14 = 29 students who like to study either Maths or Science but not both.

102. Study the given Venn diagram and answer the question that follows.



How many residential super-specialty hospitals are institutes?

(a) 12 (b) 5
(c) 9 (d) 3

RRB Group-D– 01/09/2022 (Shift-III)

Ans. (d) : According to the given Venn diagram there are 9 residential super-specialty hospitals are institutes.

63. **Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'professors', the square represents 'poets', and the triangle represents 'women'. How many professors are there who are women and also poets?**

(a) 1 (b) 2
(c) 3 (d) 4

RRB Group-D- 16/09/2022 (Shift-II)

Ans.(b) : According to the question,

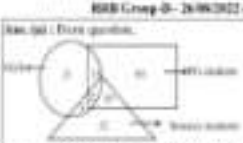
Hence, it is clear from above, that there are 2 professors who are women and also poets.

64. **In the following diagram, the circle represents girls, the triangle represents science students, and the rectangle represents PG students. The numbers in different sections indicate the number of persons. How many PG students are girls who are NOT science students?**

(a) 13 (b) 22
(c) 12 (d) 19

RRB Group-D- 26/08/2022 (Shift-III)

Ans. (a) : From question,



Hence, it is clear from figure that 13 PG students are girls who are not science students.

65. **In the following Venn diagram, the rectangle represents 'Fruits', the triangle represents 'sour tasting satisfies' and the square represents 'yellow coloured satisfies'.**

Select the option which represents the number of sour tasting yellow fruits.

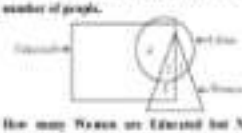
(a) 2 (b) 4
(c) 5 (d) 7

RRB Group-D- 30/09/2022 (Shift-I)

Ans. (a) : According to the question,

Hence, it is clear from above that number 2 represents the sour tasting yellow fruits.

66. **Study the given diagram carefully and answer the question that follows.**
The numbers in different sections indicate the number of people.



How many Women are Educated but NOT Urban?

(a) 5 (b) 2
(c) 4 (d) 7

RRB Group-D- 16/09/2022 (Shift-II)

Ans. (a) : According to the given diagram there are 5 women who are educated but not urban.

67. **Study the given diagram carefully and answer the question that follows.**
The numbers in different sections indicate the number of people who play different sports.

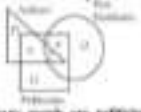
How many people play both Hockey and Cricket but not Badminton?

(a) 8 (b) 3
(c) 2 (d) 5

RRB Group-D- 13/09/2022 (Shift-III)

Ans. (d) : According to the given Venn diagram there are 5 people who play both Hockey and cricket but not badminton.

68. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are politicians as well as authors but do not have post-graduate degree?

(a) 11 (b) 7
(c) 9 (d) 5

RRB Group-D– 13/09/2022 (Shift-II)

Ans. (b) : According to the given diagram it is clear that 7 people are politicians as well as authors but do not have post-graduate degree.

69. Study the Venn diagram presented below and answer the question that follows.

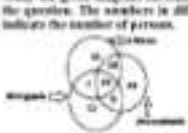
How many graduate skilled workers are NOT contractual?

(a) 27 (b) 65
(c) 46 (d) 9

RRB Group-D– 10/09/2022 (Shift-II)

Ans. (a) : According to the given Venn diagram it is clear that 27 graduate skilled workers are NOT contractual.

70. Study the given diagram carefully and answer the question. The numbers in different section indicate the number of persons.



How many such accountants are there who are also bibliophile?

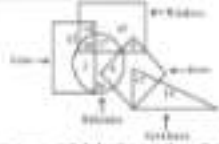
(a) 15 (b) 28
(c) 9 (d) 22

RRB Group-D– 17/09/2022 (Shift-II)

Ans. (b) : According to the given Venn diagram,

Hence, (13 + 9) = 24 accounts are there who are also bibliophile.

71. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of units.



How many such balconies are there that are either doors or windows?

(a) 29 (b) 17
(c) 34 (d) 23

RRB Group-D– 17/09/2022 (Shift-I)

Ans. (d) : Hence it is clear from the given question figure that 23 balconies are there that are either doors or windows.

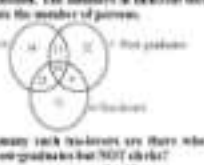
72. Study the diagram and answer the question that follows. The numbers in different sections indicate the number of persons. What is the sum of the two categories, that is teachers who are doctors and teachers who are mothers but excluding teachers who are doctors as well as mothers?

(a) 39 (b) 38
(c) 45 (d) 31

RRB Group-D– 13/09/2022 (Shift-I)

Ans. (a) : According to the question,
Number of teachers who are doctors = 12
Number of teachers who are mothers but excluding teachers who are doctors as well as mothers = 22
Hence sum = 12+22 = 34

73. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such teachers are there who are also post-graduates but NOT clerks?

(a) 9 (b) 19
(c) 29 (d) 11

RRB Group-D– 26/08/2022 (Shift-III)

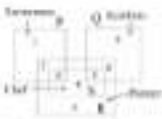
Ans. (a) : Hence it is clear from question figure that 9 teachers who are also post-graduates but not clerks.
So, the option (a) is correct.

74. The following figure is a combination of 4 figures P, Q, R and S. Figure P represents people who are swimmers while figure Q represents acrobats, Figure R and S represent painters and chefs, respectively. According to the figure below, whom does region R represent?

(a) People who are swimmers and acrobats.
(b) People who are painters and acrobats
(c) People who are chefs, painters and acrobats
(d) People who are chefs and swimmers.

RRB NTPC 19.02.2021 (Shift-1) Stage 1st

Ans. (b) :



Hence region R represents number of people who are painters and acrobats.

75. How many pens are cool?

(a) 5 (b) 6
(c) 7 (d) 9

RRB NTPC 06.04.2021 (Shift-II) Stage 1st

Ans. (d) : It is clear from the above diagram that 4+2 = 6 pens are cool.

76. The given figure contains many shape. Which of these numbers is present in only one shape?

(a) 4 (b) 3
(c) 2 (d) 1

RRB NTPC 29.12.2020 (Shift-II) Stage 1st

Ans. (b) : It is clear from the given diagram that the number 3 is present in only one shape.

77. From the given Venn diagram, find the number of doctors who are surgeons but not general practitioners.

(a) 3 (b) 8
(c) 9 (d) 4

RRB NTPC 16.12.2020 (Shift-I) Stage 1st

Ans. (a) : It is clear from Venn diagram that the number of doctors (3) who are surgeons but not general practitioners.

78. How many doors are fish?

(a) 14 (b) 8
(c) 9 (d) 11

RRB NTPC 13.01.2021 (Shift-I) Stage 1st

Ans. (d) : It is clear from given figure that (8+3+11) doors are fish.

79. How many Mars are both Tyres and Pen?

(a) 3 (b) 6
(c) 4 (d) 2

RRB NTPC 21.01.2021 (Shift-I) Stage 1st

Ans. (d) :

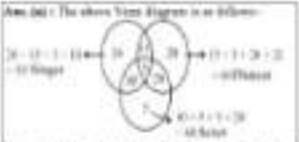
From the above diagram it is clear that there are 2 Mars which are both Tyres and Pens.

80. Circle A, B and C represents singers, dancers and actors respectively. The total number of these are 50, 60 and 40 respectively. What is the number of people who are both singers and dancers but are not actors?

(a) 15 (b) 40
(c) 25 (d) 5

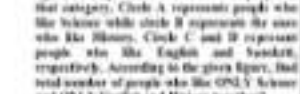
RRB NTPC 27.02.2021 (Shift-I) Stage 1st

Ans. (a) : The above Venn diagram is as follows:



Hence, it is clear that the number of 15 people who are both singers and dancers but are not actors.

81. The following figure is a combination of 4 CIRCLES, A, B, C and D. The numbers in the figure corresponds to the number of people in that category. Circle A represents people who like Science while circle B represents the ones who like History. Circle C and D represent people who like English and Sanskrit, respectively. According to the given figure, find total number of people who like ONLY Science and ONLY English and History together?



(a) 18 (b) 10
(c) 16 (d) 26

HRB NTPC 04.01.2021 (Shift-II) Stage 1st

Ans. (c) :

Therefore only Science + only English and History together $10 + 6 = 16$

82. The following figure is a combination of four figures A, B, C and D. Figure A represent people who are pizza lovers, while figure B represent burger lovers. Figure C and D represent noodle and dumpling lovers respectively. According to the figure below what does region 5 depict?

(a) People who are only pizza, noodle and dumpling lovers
(b) People who are only pizza and dumpling lovers
(c) People who are pizza, noodle and burger lovers
(d) People who are only pizza and noodle lovers

RRB NTPC 09.01.2021 (Shift-II) Stage 1st

Ans. (a) : Representation of area 5 as per given figure = people who like only Pizza, Noodle and Dumpling lovers.

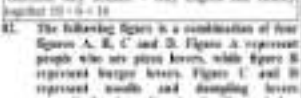
83. In the given diagram, which number is in all the geometrical figures?

(a) 5 (b) 3
(c) 2 (d) 4

RRB NTPC 04.12.2020 (Shift-II) Stage 1st

Ans. (d) : It is clear from the above diagram that the number 4 is included in all the geometrical figures.

84. In the given figure, how many hockey players are playing football?



(a) 39 (b) 22
(c) 42 (d) 35

RRB NTPC 04.01.2021 (Shift-I) Stage 1st

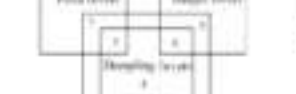
Ans. (c) Number of hockey players who play football $22 + 20 = 42$

85. In the following diagram, L represents educated people, M represents illiterate people, N represents working people.
Which number represents people who are working and illiterate?

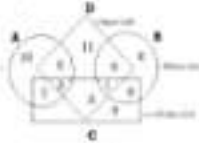
(a) 2 (b) 3
(c) 5 (d) 4

RRB NTPC 10.01.2021 (Shift-II) Stage 1st

Ans. (d) : Clearly the number 4 denotes both illiterate and working.



86. The following figure is a combination of 4 figures, A,B, C and D. Figures A and B represent students who are enrolled in science club and debate club respectively. Figure C and D represent students who have joined drama club and sports club respectively. The numbers inside the figures represent the number of students in that particular region. How many students have joined more than two clubs?

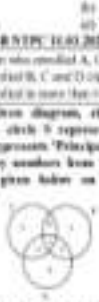


(a) 3 (b) 6
(c) 4 (d) 2

RRB NTPC 16.01.2021 (Shift-I) Stage Ist

Ans. (a) : Student who enrolled A, C and D club = 2
Student who enrolled B, C and D clubs = 1
Student who enrolled in more than two clubs = 2 + 1 = 3

87. In the given diagram, circle T represents 'Teacher', circle S represents 'Students' and circle P represents 'Principal'. The regions are denoted by numbers from 1 to 7. Answer the question given below on the basis of the diagram.

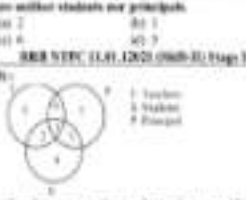


Select the field that represents the teachers who are neither students nor principals.

(a) 2 (b) 1
(c) 4 (d) 3

RRB NTPC 11.01.2021 (Shift-II) Stage Ist

Ans. (d) :



The number 3 represents the teachers who are neither students nor principals.

88. In the given diagram, the triangle represents teachers, the rectangle represents politicians, and the circle represents social workers. Which number in the diagram represents the teachers who are also social workers but not politicians?

(a) 6 (b) 7
(c) 5 (d) 2

RRB NTPC 20.01.2021 (Shift-II) Stage Ist

Ans. (c) : From the given diagram,

So, the number 5 represents those teachers who are social workers but not politicians.

89. The given Venn diagram shows the number of students who got distinction in three subject among 350 students. Find the percentage of students who got distinction in only two subjects.

(a) 25% (b) 28%
(c) 18.9% (d) 32%

RRB NTPC 20.01.2021 (Shift-II) Stage Ist

Ans. (b) :

Number of those students who get distinction in only two subjects = 25 + 18 + 35 = 78

$$\text{Required percentage} = \frac{78}{350} \times 100$$

$$= 22\%$$

90. Study the given diagram and answer the question that follows.
The hexagon represents Females.
The circle represents Writers.
The quadrilateral represents Bengali.

How many female writers are Bengali?

(a) 57 (b) 32
(c) 15 (d) 40

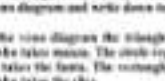
RRB NTPC 13.01.2021 (Shift-I) Stage Ist

Ans. (c) :

It is clear from the above question-diagram that there are 15 such female workers are Graduate.

Instructions : (Question 91-93) : For study the following venn diagram and write down to answer the question.

In the venn diagram the triangle represents the person who takes mutton. The circle represents the person who takes the fanta. The rectangle represents the person who takes the shiz.



91. How many people who only take mutton and shiz but do not take fanta?

(a) 24 (b) 17
(c) 23 (d) 19

RRB NTPC 30.04.2016 Shift : 1

Ans. (b) :

It is clear from the diagram that the number of persons who take mutton and shiz, but not take fanta = 17

92. How many people takes shiz?

(a) 140 (b) 82
(c) 92 (d) 122

RRB Guwahati 25.01.2019 Shift : II

Ans. (d) : Number of people who take shiz = 20 + 17 + 15 + 30 + 40 = 122

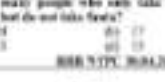
93. How many people who take both mutton and fanta but do not take shiz?

(a) 22 (b) 17
(c) 7 (d) 20

RRB NTPC 30.04.2016 Shift : 3

Ans. (c) : Number of people who take both mutton and fanta only but do not take shiz = 7

Instructions: Question Number (94-96) : Study this figure and answer the questions based on it. The triangle rectangle and circle respectively represent the people who drink coffee, tea and wine.



94. How many people drink both coffee and wine but do not drink tea?

(a) 25 (b) 10
(c) 19 (d) 12

RRB NTPC 29.04.2016 Shift : 1

Ans. (b) :

Number of People drink both coffee and wine but donot drink tea = 10

95. How many people drink coffee and tea but do not drink wine?

(a) 25 (b) 12
(c) 19 (d) 10

RRB NTPC 29.04.2016 Shift : 1

Ans. (a) : People who drink coffee and tea will come under the both triangle and rectangle, but not in circle. So number of such people = 19

96. How many people drink tea?

(a) 112 (b) 98
(c) 130 (d) 134

RRB NTPC 29.04.2016 Shift : 1

Ans. (d) : All those people who come under the rectangle drink tea, so the number of such people = 20 + 19 + 25 + 40 = 20 = 134

Instructions (Question 97-98) : Study the following figure and answer the questions given below.

97. What number represents those people who live in a joint family but neither unmarried nor doctors?

(a) 4 (b) 3
(c) 2 (d) 1

RRB NTPC 29.04.2016 Shift : 1

Ans. (d) : It is clear from the diagram that the number 1 represents the people who live in a joint family but they are neither doctors nor unmarried.

98. What number represents the unmarried doctors are living in joint family?

(a) 2 (b) 3
(c) 4 (d) 6

RRB NTPC 29.04.2016 Shift : 1

Ans. (c) : It is clear from the diagram that the number 4 represents persons who live in joint family and are unmarried and doctors.

99. What number represents the unmarried person living in a joint family who is not a doctor?

(a) 1 (b) 4
(c) 3 (d) 7

RRB NTPC 29.04.2016 Shift : 1

Ans. (a) : Number 2 represents unmarried persons who are living in a joint family but not doctor.

Instructions : (Question No. 100-102) Study the following figure and answer the question given below:

100. If Raxcomian College management requires only married trained professor for teaching. What is represented by the number 6?

(a) Married professor in the college
(b) Trained professor
(c) Unmarried trained professor
(d) Married trained professor

RRB NTPC 27.04.2016 Shift : 3

Ans. (a) : It is clear from the diagram that number 6 represents married professors in the college.

101. Which number represent the unmarried trained professor in the college?

(a) 6 (b) 5
(c) 7 (d) 4

RRB NTPC 27.04.2016 Shift : 3

Ans. (d) : The number 4 represents trained unmarried professors in the college.

102. Which number represent the married trained professor in the college?

(a) 7 (b) 6
(c) 5 (d) 4

RRB NTPC 27.04.2016 Shift : 3

Ans. (a) : Number 7 represents the married trained professor in the college.

Directions : (Question no. 103-105) In the following figure the circle stands for unemployed, the smaller rectangle stands for lazy, the triangle stands for urban and the larger rectangle stands for foolish. Study the figure carefully and answer the questions that follows:

103. The number of Unemployed, lazy, Urban and foolish people are:

(a) 9 (b) 2
(c) 1 (d) 3

RRB NTPC 27.04.2016 Shift : 1

Ans. (c) : It is clear from the above diagram that the number of unemployed, lazy, urban and foolish people = 1

104. The number of non-urban, unemployed people who are neither foolish nor lazy are

(a) 12 (b) 11
(c) 10 (d) 7

RRB NTPC 27.04.2016 Shift : 1

Ans. (d) : Number of non-urban, unemployed persons who are neither foolish nor lazy = Number of persons who represented only by circle = 7

105. The number of non-urban, unemployed, lazy and foolish people are:

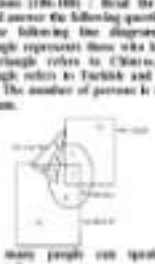
(a) 8 (b) 9
(c) 10 (d) 11

RRB NTPC 27.04.2016 Shift : 1

Ans. (b) : Non-urban, unemployed, lazy and foolish persons those who are represented only circle, little rectangle and large rectangle = 9

Instructions (106-108) : Read the information carefully and answer the following question.

In the following line diagram, the small rectangle represents those who know French, the triangle refers to Chinese, the large rectangle refers to Turkish and the circle to Odia. The number of persons is shown in the diagram.



106. How many people can speak only one language?

(a) 37 (b) 38
(c) 40 (d) 42

RRB NTPC 26.04.2016 Shift : 3

Ans. (a) : The number of people speaking only one language = 10 + 11 + 12 + 4 = 37

107. How many people can not speak all languages?

(a) 1 (b) 3
(c) 2 (d) All

RRB NTPC 26.04.2016 Shift : 3

Ans. (d) : According to the question from above diagram that all people can not speak all languages.

108. How many people can speak French, Odia and Turkish?

(a) 8 (b) 2
(c) 7 (d) 5

RRB NTPC 26.04.2016 Shift : 3

Ans. (b) : The number of person speaking French, Odia and Turkish = 2

Instructions (Question No. 109-111) : Study the figure and answer the following questions.

(1) The rectangle shows the software employees
(2) Triangle represents rural people
(3) The circle shows post graduates
(4) The square denotes PG

109. Choose the correct statement

(a) Some PO are software employees
(b) No PO is rural
(c) All post graduates are rural
(d) All post graduates are software employees

RRB NTPC 11.04.2016 Shift : 3

Ans. (a) : It is clear from the diagram that some PO are software employees.

110. Which of the following statements is true?

(a) All software employees are PO.
(b) Some software employees are also PO with post graduates.
(c) All software employees are post graduates.
(d) All PO are software employees but not post graduates.

RRB NTPC 11.04.2016 Shift : 3

Ans. (b) : It is clear from the Venn diagram that the some software employees are also PO with post graduates.

111. Which of the following statements is true

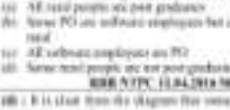
(a) All rural people are post graduates
(b) Some PO are software employees but are not rural
(c) All software employees are PO
(d) Some rural people are not post graduates

RRB NTPC 11.04.2016 Shift : 3

Ans. (d) : It is clear from the diagram that some rural people are not post graduates.

Instructions : (112-116) Study the following figure and answer the question based on it.

In the diagram given below, circle refers to old people, triangle refers to educated people and square refers to unemployed people.



112. Which region represents old, educated and unemployed persons?

(a) 6 (b) 5
(c) 4 (d) 7

RRB NTPC 12.04.2016 Shift : 1

Ans. (a) : The region 6 in the above figure shows old, educated and unemployed persons.

113. Which region represents uneducated, unemployed and old people is referred by which number?

(a) 2 (b) 3
(c) 4 (d) 1

RRB NTPC 12.04.2016 Shift : 1

Ans. (a) : In the above figure the region of uneducated, unemployed and old persons is shown by the number 2.

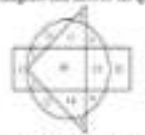
114. Which region represents old, uneducated and employed people?

(a) 7 (b) 6
(c) 5 (d) 3

RRB NTPC 12.04.2016 Shift : 1

Ans. (c) : In the above figure the area of old, uneducated, and employed person is shown by the number 5.

Direction (115-117) Study the following figure/diagram and answer the questions based on it.



115. What is the number of tennis players who are not hockey players?

(a) 10 (b) 30
(c) 35 (d) 25

RRB NTPC 29.03.2016 Shift : 3

Ans. (d) : Number of tennis players who are not hockey players = 11 + 3 + 14 + 8 = 35

116. What is ratio of hockey players to chess players?

(a) 9:24 (b) 18:15
(c) 11:59 (d) 15:18

RRB NTPC 29.03.2016 Shift : 3

Ans. (c) : Number of hockey players
= 8 + 2 + 3 + 16 + 15 + 20 = 59
Number of chess players
= 3 + 12 + 14 + 6 + 15 + 4 + 11 + 13 + 2 + 10
= 90
Required Ratio = 59 : 90 = 11 : 18

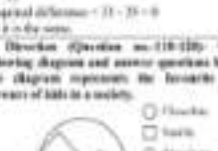
117. Those players who play both chess and tennis. How many more players do not play chess than them?

(a) 5
(b) 10
(c) It is the same
(d) Cannot be determined

RRB NTPC 29.03.2016 Shift : 3

Ans. (a) : Required number of players who play both chess in tennis = 14+11+16+20
Number of player who do not play chess = 3 + 8 + 3 + 2 = 16
Required difference = 21 - 16 = 5
So it is the same.

Direction (Question no.-118-120): Study the following diagram and answer questions based on it. The diagram represents the favourite ice-cream flavours of kids in a society.



118. How many kids like Strawberry but not Vanilla?

(a) 4 (b) 5
(c) 7 (d) 3

RRB NTPC 30.01.2016 Shift : I

Ans. (c) : Number of children who like strawberry but do not like vanilla = 3 + 4 = 7

119. How many kids like both chocolate and Vanilla but not Strawberry ?

(a) 7 (b) 5
(c) 12 (d) 15

RRB NTPC 30.01.2016 Shift : I

Ans. (d) : Number of children who like both Chocolate and vanilla but do not like strawberry = 15

120. The ratio of kids who like Vanilla to those who like Chocolate is

(a) 12:28 (b) 39:45
(c) 27:45 (d) 39:55

RRB NTPC 30.01.2016 Shift : I

Ans. (d) : Number of children who like vanilla =
= 3 + 7 + 15 + 12 = 39
Number of children who like Chocolate
= 7 + 12 + 3 + 30 = 52
∴ Required ratio = 39 : 52

Instruction (Question No. 121-122) Consider study the following figure and answer the question based on it.

121. The ratio of those who like only star B to those who like only star A.

(a) 1:3 (b) 8:5
(c) 9:7 (d) 11:7

RRB NTPC 31.03.2016 Shift : III

Ans. (c) : From the above figure,
Number of people who like only star B = 30 + 19 = 49
Number of people who like only star A = 29
∴ Required ratio = $\frac{49}{29}$ = 9 : 5

122. The difference in number of those who like all the three stars and those who like stars B and C.

(a) 120 (b) 130
(c) 140 (d) 150

RRB NTPC 31.03.2016 Shift : III

Ans. (d) :
Number of people who like all three stars = 150
Number of people who like B and C = 20
∴ Require of difference = 150 − 20 = 130

123. What is the ratio between those who like both star A and B to those who like only star C?

(a) 2:30 (b) 15:10
(c) 10:15 (d) 3:10

RRB NTPC 31.03.2016 Shift : III

Ans. (c) :
Number of people who like star A and B = 150 + 30 = 180
Number of people who like only star C = 300
Required ratio = $\frac{180}{300} = \frac{18}{30}$

Study the diagram given below and answer the questions based on it

△ **Represents Students who have chosen Arts course**
○ **Represents Students who have chosen Science course**
□ **Represents Students who have chosen Dance course**

124. How many students have chosen Dance course and Science course but not the Arts course

(a) 43 (b) 44
(c) 12 (d) 23

RRB NTPC 01.04.2016 Shift : III

Ans. (b) : Number of students opting for dance and science course but not the art course = 44

125. How many students have chosen Arts course and Science course but not the Dance course

(a) 23 (b) 12
(c) 35 (d) 44

RRB NTPC 01.04.2016 Shift : III

Ans. (a) : Number of students have chosen arts course and science but not the dance course = 23

126. How many students have chosen the science course

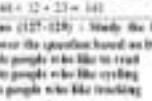
(a) 140 (b) 165
(c) 115 (d) 145

RRB NTPC 14.04.2016 Shift : I

Ans. (a) : Number of students have chosen the science course = 62 + 44 + 12 + 23 = 141

Instructions (127-128) : Study the figure given below and answer the question based on it

△ **Represents people who like to read**
○ **Represents people who like cycling**
□ **Represents people who like trekking**



127. How many people like to read ?

(a) 170 (b) 154
(c) 178 (d) 117

RRB NTPC 02.04.2016 Shift : I

Ans. (a) : Number of people who like to read = 40 + 30 + 12 + 8 + 40 = 170

128. How many people like reading cycling but not trekking ?

(a) 31 (b) 32
(c) 28 (d) 29

RRB NTPC 02.04.2016 Shift : II

Ans. (a) : It is clear from the diagram that the representation of 31 people like cycling and reading but not trekking.

129. How many people like trekking and reading but not cycling ?

(a) 32 (b) 31
(c) 33 (d) 29

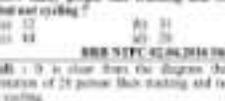
RRB NTPC 02.04.2016 Shift : II

Ans. (d) : It is clear from the diagram that the representation of 29 person likes trekking and reading but not cycling.

Instruction Question (130-131) :

Study the figure given below and answer the questions based on it.

△ Refers to tea drinkers
○ Refers to coffee drinkers
□ Refers to juice drinkers



130. How many people drink coffee?

(a) 140 (b) 164
(c) 127 (d) 146

RRB NTPC 02.04.2016 Shift : I

Ans. (b) : According to the given figure
Number of coffee drinkers = 15+27+40+43+39 = 164

131. How many people drink tea and coffee but not juice?

(a) 38 (b) 43
(c) 23 (d) 45

RRB NTPC 02.04.2016 Shift : I

Ans. (d) : Number of people who drink both tea and coffee but not juice = 45

132. How many people drink juice and tea but not coffee

(a) 23 (b) 36
(c) 23 (d) 34

RRB NTPC 02.04.2016 Shift : I

Ans. (b) : Number of people who drink juice and tea but not coffee = 36

Instruction (133-135) : Study the figure given below and answer the questions based on it

△ Refers to children who play cricket
○ Refers to children who play football
□ Refers to children who play badminton

133. How many students play cricket and football but not badminton ?

(a) 29 (b) 18
(c) 19 (d) 17

RPF SI 06.01.2019 Shift : II

Ans. (a) : Number of children who play cricket and football but do not play badminton = 29

134. How many students play football?

(a) 127 (b) 82
(c) 100 (d) 93

RRB NTPC 03.04.2016 Shift : III

Ans. (b) : Number of children who play football
= 26 + 18 + 17 + 26 = 82

135. How many students play both badminton and football but not cricket ?

(a) 19 (b) 28
(c) 17 (d) 29

RRB NTPC 03.04.2016 Shift : III

Ans. (c) : The number of children who play both badminton and football but does not play cricket = 17

Instruction (136–138) : Study the figure given below and answer the questions based on it. The figure represents to the like of children in a society.

136. The difference between children who like leopard to those who like tiger is.

(a) 39 (b) 28
(c) 38 (d) 5

RRB NTPC 03.04.2016 Shift : II

Ans. (b) : Number of children who like leopard =
39+33+31+28=128
Number of children who like tiger = 25+9+47 = 81
Required difference = 128-81 = 28

137. How many children who like lion, also like the tiger

(a) 5 (b) 15
(c) 33 (d) 40

RRB NTPC 03.04.2016 Shift : II

Ans. (d) : Number of children who like both lion and tiger = 35 + 5 = 40

138. How many children like both lion and leopard

(a) 25 (b) 55
(c) 90 (d) 95

RRB NTPC 03.04.2016 Shift : II

Ans. (c) : Number of children who like both lion and leopard = 28 + 35 + 33 = 90

Instruction (139-141): Study the figure given below and answer the questions based on it. Figure represents the students of a class.

139. How many children are there who like both Mars and Jupiter?

(a) 43 (b) 29
(c) 26 (d) 13

RRB NTPC 03.04.2016 Shift : I

Ans. (b) : From the given venn diagram
Number of children who like both Mars and Jupiter
= 13 + 16 = 29

140. What is the difference between the children who like Mercury and Jupiter

(a) 9 (b) 8
(c) 18 (d) 12

RRB NTPC 03.04.2016 Shift : I

Ans. (a) : From the above diagram
Children who like the planet mercury = 10 + 12 + 13
= 35
Children who like the planet Jupiter = 13 + 16= 29
Required difference = 35 − 29 = 6

141. What is the ratio of children who like only Mars to those who like all the three planets?

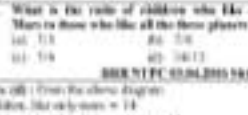
(a) 5:1 (b) 7:4
(c) 7:6 (d) 14:13

RRB NTPC 03.04.2016 Shift : I

Ans. (d) : From the above diagram
Children, like only mars = 14
Children who like all three planet = 13
Required ratio = 14:13

Instruction (142-144) : Study the given figure below and answer the questions based on it.

△ = refers to people who like movies
○ = Refers to people who like sports
□ = Refers to people who like photographs



142. How many people like films and sports but not photography?

(a) 13 (b) 21
(c) 32 (d) 44

RRB NTPC 04.04.2016 Shift : III

Ans. (a) : From the above Venn diagram
Number of people who like film and sports but not photography = 32

143. How many people like sports?

(a) 142 (b) 160
(c) 155 (d) 145

RRB NTPC 04.04.2016 Shift : III

Ans. (b) :
Number of people who like sports = 32 + 40 + 48 + 21
= 160

144. How many people like photography and sports but not movies?

(a) 43 (b) 44
(c) 21 (d) 32

RRB NTPC 04.04.2016 Shift : III

Ans. (b) : Number of people who like photography and sports but not films = 44

Instruction : Study the given figure and answer the questions based on it. the figure shows the choice of children in a batch.

145. What is the ratio of students who prefer trigonometry to Geometry?

(a) 13:10 (b) 13:17
(c) 10:13 (d) 18:17

RRB NTPC 04.04.2016 Shift : II

Ans. (c) : Number of children who like geometry
= 11 + 20 + 75 + 20 = 126
Similarly trigonometry = 20 + 75 + 30 + 13 = 140
Required ratio = $\frac{140}{126}$ = 10:13

146. How many students like Algebra and Trigonometry but not Geometry?

(a) 70 (b) 130
(c) 100 (d) 60

RRB NTPC 04.04.2016 Shift : II

Ans. (b) : Required number of students = 31 + 70 + 27
= 118

147. The ratio of students who like all three subjects to those who like algebra only is-

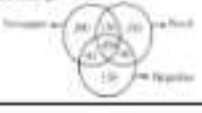
(a) 5:1 (b) 15:4
(c) 15:7 (d) 7:1

RRB NTPC 04.04.2016 Shift : II

Ans. (d) : Students who like all three subjects = 75
Students who like algebra only = 25
Required ratio = $\frac{75}{25}$ = 3:1 = 7:1

Direction (148-150) Study the following diagram and answer questions based on it.

The diagram represents the reading preferences of people in a society.



148. The ratio of people who read both magazines and novels to those who read only newspapers is

(a) 24:9 (b) 27:10
(c) 9:12 (d) 9:20

RRB NTPC 04.04.2016 Shift : I

Ans. (b) : Number of people who read both magazines and novels = 450 + 90 = 540
Number of people who read only newspaper= 200
Desired ratio = 540 : 200
= 27 : 10

149. The ratio of people who read only magazines to those who read all the three is?

(a) 1 : 3 (b) 1 : 1
(c) 3 : 9 (d) 4 : 9

RRB NTPC 04.04.2016 Shift : I

Ans. (b) : The ratio of those who read only magazines and who read all three = 150 : 450 = 1 : 3

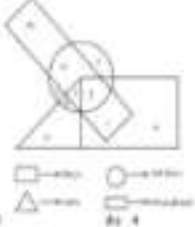
150. What is the difference between the people who like novels and those who like newspapers?

(a) 230 (b) 240
(c) 280 (d) 190

RRB NTPC 04.04.2016 Shift : I

Ans. (c) : Total number of people reading the novel = 350 + 150 + 450 + 90 = 1040
Number of people reading the newspaper = 200 + 40 + 450 + 150 = 840
∴ Required difference = 1040 - 840 = 200

151. In the given below Venn diagram which number space represents the girls who are athletes but not disciplined?

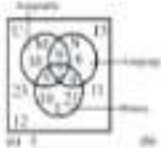


(a) 3 (b) 4
(c) 7 (d) 5

RRB ALP & Tec. (17-08-18 Shift-II)

Ans. (b) : 4 represents those girls who are athletes but not disciplined.

152. In the given figure, the set U is the universal set and the set L, M and N represent the children studying of history, geography and language respectively. In total how many children are studying history and geography, not including language.

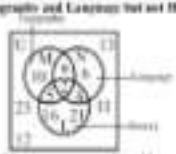


(a) 5 (b) 3
(c) 12 (d) 7

RRB ALP & Tec. (31-08-18 Shift-I)

Ans. (a) : There are 5 children who are studying history and geography but not language.

153. In the given diagram, Set U is the universal set and Set L, M and N represent students studying History, Geography and Language, respectively.
What is the total number of students studying Geography and Language but not History.



(a) 9 (b) 11
(c) 10 (d) 2

RRB ALP & Tec. (31-08-18 Shift-III)

Ans. (a) : L = Students studying history
M = Students studying geography
N = Students studying language
Students who study language and geography but do not read history.
Number of students (as per picture) = 9

154. According to the given Venn diagram, the total number of non-athlete and disciplined boys is, ...

(a) 24 (b) 1
(c) 20 (d) 10

RRB ALP & Tec. (21-08-18 Shift-I)

Ans. (b) : The total number of non-athletes and disciplined boys is 1.

155. According to the given Venn diagram, the total number of students in the class is _____.

Boys, Athletes, Girls, Disciplined

(a) 50 (b) 55

(c) 53 (d) 54

RRB ALP & Tec. (21-08-18 Shift-1)

Ans. (b) : Number of all students in the class = 1 + 2 + ... 8 = 50

$= \frac{n(n+1)}{2} = \frac{8 \times (1+8)}{2} = 50$

15k. According to the given Venn diagram, which number represents 'Boys who participate in athletics and also play cricket'?

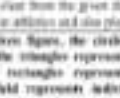
(a) 1 (b) 3

(c) 2 (d) 11

RRB ALP & Tec. (09-08-18 Shift-1)

Ans. (b) : It is clear from the given diagram that boys who participate in athletics and also play cricket = 3.

15l. In the given figure, the circle represents the editors, the triangle represents the directors and the rectangle represents the singers. Which field represents individuals who are editors and singers but not directors?



(a) 4 (b) 1

(c) 5 (d) 2

RRB JE - 27/05/2019 (Shift-1)

Ans. (b) : According to question,

So, it is clear that region 2 represents the editor and the singer, but not director.

15m. In the given figure, the circle represents the philosophers. The triangle denotes the scientists and the square denotes the musicians. Which field represents individuals who are philosophers and musicians, but not scientists?

(a) 2 (b) 5

(c) 4 (d) 3

RRB JE - 26/06/2019 (Shift-1)

Ans. (a) :

Field 2 represents those who are philosophers and musicians but not scientists.

15n. In the given figure, the circle denotes the male, the triangle denotes the engineers, and the rectangle denotes the doctors. Which field represents those who are engineers and doctors but not men?

(a) 1 (b) 6

(c) 4 (d) 7

RRB JE - 02/06/2019 (Shift-1)

Ans. (d) :

The area 7 showing the engineer and doctor but not male.

15o. In the given figure, the circle denotes the Arctic Ocean, the triangle represents the Ocean and the rectangle represents the Atlantic Ocean. Which area represents the Ocean and the Atlantic Ocean but not the Arctic Ocean?

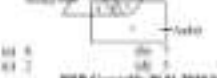
(a) 2 (b) 3

(c) 7 (d) 6

RRB JE - 28/06/2019 (Shift-III)

Ans. (c) From the given figure, it is clear that 7 is a number which belongs to the triangle an rectangle (of the circle, so 7 represents the ocean and the Atlantic ocean but not the arctic ocean.

15l. In the given figure, the circle represents the married men, the triangle represents the workers and rectangle represents the adult. Which area represents married men who are adults only?



(a) 6 (b) 1

(c) 2 (d) 5

RRB Ciuttagh 20.01.2019 Shift : III

Ans. (b) : According to the given venn diagram area 5 represents those married who are adults only.

11.

Analytical Reasoning

1. Six Engineering: Jayesh, Komal, Lavya, Mithun, Nayan and Ojasvi, graduated from a reputed engineering institute, each of them in a different year between 2004-2009. Jayesh graduated in the year immediately before the year Nayan graduated. Only one engineering student graduated between komal and Ojasvi, where Komal was Ojasvi's senior Ojasvi graduated in 2009.

   If Mithun graduated in 2006, then who graduated in 2008?

   (a) Jayesh (b) Lavya
   (c) Nayan (d) Komal

   RRB Group-D 17-09-2022 (Shift-II)

Ans. (c) : According to the question the order of the graduate students who passed in different year is as follows-

Mithun	Jayesh	Nayan	Komal	Lavya	Ojasvi
2006	2007	2008	2007	2009	2009

Hence, it is clear from above that Nayan graduated in year 2008.

2. Six students Madhu, Anshul, Avani, Aarav, Priti and Shikha, gave their presentation on different days in the month of March. The presentation was from 11th March to 16th March.

   Anshul presented on 14th March and Shikha presented immediately before Anshul. Only one person presented between Shikha and Priti. Shikha presented after Priti but before Avani. Avani presented immediately before Madhu. Who presented on 15th March?

   (a) Madhu (b) Aarav
   (c) Priti (d) Avani

   RRB Group-D 11-08-2022 (Shift-I)

Ans. (d)

Presentation on different day in month of March	Students
11	Priti
12	Aarv
13	Shikha
14	Anshul
15	Avani
16	Madhu

Hence it is clear from above explanation that Avani presented on 15th march.

3. Six persons, Aditya, Bimal, Chhaya, Dibhan, Eastar and Fatima, travelled in different months of the same year in January, March, May, July, September and November. None of them travelled after Bimal who travelled immediately after Chhaya. Only three people travelled before Eastar. Aditya travelled immediately after Fatima. Dibhan did not travel in the month of May.

   Who among them travelled in May?

   (a) Fatima (b) Chhaya
   (c) Eastar (d) Aditya

   RRB Group-D 17-09-2022 (Shift-III)

Ans. (d) : According to the question

Travelling month	Persons
January	Dibhan
March	Fatima
May	Aditya
July	Eastar
September	Chhaya
November	Bimal

Hence, it is clear that Aditya travelled in May.

4. Six persons, A, B, C, D, E and F have birthdays in different months of the same year viz. February, April, June, August, September and December but not necessarily in the same order.

   Only one person has a birthday between B and A, in the same order. Only two people have birthdays between C and E, in the same order. F has a birthday in a month immediately before September. D has a birthday in December. Who among them has a birthday in February?

   (a) B (b) E
   (c) C (d) F

   RRB Group-D 30-08-2022 (Shift-II)

Ans. (a) : According to the question-

Birthday month	People
February	B
April	EC
June	A
August	F
September	CE
December	D

Hence, it is clear that B's birthday in February.

5. Each of the six graduate students, Anudeep, Yamuna, Chinmayi, Divija, Esha and Gana, has an online PG entrance exam on a different day of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. None of them have the exam before Chinmayi and after Yamuna. Gana has the exam immediately after Anudeep and immediately before Divija. Esha has the exam on Tuesday and immediately before Anudeep. Who among the following has the exam on Friday?

(a) Yamuna (b) Gana
(c) Divija (d) Anudeep

RRB Group-D 19-09-2022 (Shift-III)

Ans. (c) : According to the question,

Monday Tuesday Wednesday Thursday Friday Saturday
↓ ↓ ↓ ↓ ↓ ↓
Chinmayi Esha Anudeep Gana Divija Yamuna

Hence, it is clear from above that Divija has the exam on Friday.

6. Each of K, L, M, N and P gave an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No exam is held on Friday and Saturday. Only two persons have exams between N and M. L's exam is held on Wednesday. Only one person has exam between N and L. P's exam is held on Sunday. Whose exam is held on Monday?

(a) L (b) K
(c) M (d) N

RRB Group-D 24-08-2022 (Shift-I)

Ans. (d) : According to the question,

Person	Examday of a week	Exam
N	Monday	×
K	Tuesday	×
L	Wednesday	×
M	Thursday	×
	Friday	×
	Saturday	×
P	Sunday	×

Hence, it is clear from above that N's exam is held on Monday.

7. Six teams namely P, Q, R, S, T and V won tournaments in different month of the same year, viz. January, February, March, April, May and June. R won the tournament in January. Q won in the month immediately before U. P won the tournament in the month immediately before S. Exactly two teams won the tournaments between the month of R and S. In which month did T win the tournament?

(a) March (b) May
(c) April (d) February

RRB Group-D 24-08-2022 (Shift-II)

Ans. (d) :

Month of the year	Team
January	R
February	T
March	P
April	S
May	Q
June	U

Hence, it is clear from above that T win the tournament in February.

8. Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending of Sunday of the same week. Only three persons have exams between R and U. Only two persons have exams between Q and P. V's exam is on Saturday. Q's exam is immediately before R. Only U's exam is between P and V. T's exam is not held on Wednesday. Q's exam is on Monday. On which day is S's exam held?

(a) Tuesday (b) Sunday
(c) Monday (d) Wednesday

RRB Group-D 24-08-2022 (Shift-II)

Ans. (d) :

Day of week	Persons
Monday	Q
Tuesday	R
Wednesday	×
Thursday	P
Friday	U
Saturday	×
Sunday	T

Hence it is clear that S's exam is on Wednesday.

9. 7 friends decided not to eat sweets on one day of their choice in the same week starting on Sunday and ending on Saturday. No one selected the same day of the week. P selected Saturday. Q selected Wednesday. R said that he will select the day immediately before P. S decided to select any available day between P's and Q's selection. T selected Sunday. U said that he will select the day immediately before Q. Which day is left for V to select?

(a) Tuesday (b) Monday
(c) Wednesday (d) Thursday

RRB Group-D 24-08-2022 (Shift-III)

Ans. (b) : According to the question,

T × × Q × × P
Sunday Monday Tuesday Wednesday Thursday Friday Saturday

Hence, Monday is left for V to select.

10. There are five friends, Lou, Carry, Pamela, Alisha and Andrew. Each one likes a different fruit: Apple, Mango, Strawberry, Pear and Apricot, not necessarily in the same order. Also, each of them have different professions: dancer, actor, singer, doctor and professor, not necessarily in the same order.

The one who likes Pear is a professor. The one who likes Mango is a singer or a doctor. Lee likes Apple but is neither a dancer nor a doctor. Casey is a singer. Andrew likes Pear. The one who is a singer likes Apricot. Alisha likes Strawberry.

Who is the doctor by profession?

(a) Andrew (b) Alisha

(c) Pamela (d) Casey

RRB NTPC (Stage-II) – 17/06/2022 (Shift-I)

Ans. (c) :

Name	Fruit	Profession
Lee	Apple	Actor
Casey	Apricot	Singer
Pamela	Mango	Doctor
Alisha	Strawberry	Dancer
Andrew	Pear	Professor

Hence, Pamela is a doctor by profession.

11. **Five students A, B, C, D and E study in different schools K, L, M, N and O, but not necessarily in the same order. Each one likes only one subject, viz. Hindi, Mathematics, Science, Social Sciences and English. C studies in M, B does not like Social Sciences, D likes English and studies in N. The student of L likes Mathematics. E likes Hindi but he is neither from O nor L. B studies in O.**

Which one of the following students studies in school L and likes Mathematics?

(a) D (b) B

(c) C (d) A

RRB NTPC (Stage-II) – 19/06/2022 (Shift-I)

Ans. (d) : According to the question,

student	Subject	School
A	Mathematics	L
B	Science	O
C	Social science	M
D	English	N
E	Hindi	K

Hence, it is clear from above that student A studies in school L and likes Mathematics.

12. **Six friends A, B, C, D, E and F like to eat one fruit each among Mango, Apple, Orange, Kiwi, Guava and Grapes. D likes Mango. C neither likes Guava nor does he like Kiwi. E likes Orange. F neither likes Grapes nor does he like Guava. A likes Apple.**

Who likes Grapes?

(a) F (b) D

(c) B (d) C

RRB NTPC (Stage-II) – 19/06/2022 (Shift-III)

Ans. (d) : According to the question,

Fruit liked by friends A, B, C, D, E and F are as follows.

A → Apple

D → Mango

E → Orange

F → Kiwi

C → Grapes

B → Guava

Hence, C likes grapes.

13. **Seven friends P, Q, R, S, T, U and V belong to seven cities namely Shimla, Manali, Agra, Jaipur, Goa, Guwahati and Darjeeling but not necessarily in the same order. Each one of them belongs to only one city. T belongs to Darjeeling. S and V belong to Manali and Shimla, respectively. Q belongs to Agra. One among R and U belongs to Guwahati. P does not belong to Goa.**

Who belongs to Jaipur?

(a) R (b) P

(c) S (d) Q

RRB NTPC (Stage-II) – 16/06/2022 (Shift-I)

Ans. (b) : According to the question,

Friend		City
P	–	Jaipur
Q	–	Agra
R	–	Guwahati/Goa
S	–	Manali
T	–	Darjeeling
U	–	Guwahati/Goa
V	–	Shimla

Hence, it is clear from above that P belongs to Jaipur.

14. **Each of B, E, G, H, S, T and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. G's exam is on one of the days before H. E has the exam on Thursday. Only two persons have exams between S and E. D has the exam on the day immediately after S. T has the exam on the day immediately before V, but not on Saturday. G does not have the exam on Sunday. Who among the following has the exam on Friday?**

(a) V (b) T

(c) G (d) H

RRB Group-D – 29/08/2022 (Shift-I)

Ans. (b) : According to the question

Days	Persons
Monday	S
Tuesday	D
Wednesday	G
Thursday	E
Friday	T
Saturday	V
Sunday	H

Hence, it is clear from above that T has the exam on Friday.

15. A music school has classes for teaching six different musical instruments – flute, harmonium, guitar, sitar, drum and violin – each on a different day of a week starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Drum class is scheduled on Monday. Flute class is on Friday. Sitar class is on the day immediately after flute class. Only three classes are scheduled between Guitar and Sitar classes. Only Violin class is scheduled between Flute and Harmonium classes. On which day is Harmonium class scheduled?

(a) Tuesday (b) Monday
(c) Thursday (d) Wednesday

RRB Group-D– 19/09/2022 (Shift-II)

Ans. (d) : According to the question

Days	Instruments
Monday	Drum
Tuesday	Guitar
Wednesday	Harmonium
Thursday	Violin
Friday	Flute
Saturday	Sitar

Hence, it is clear that harmonium class is scheduled on Wednesday.

Hence, option (d) is correct.

16. Each of D, E, F, G, H, I and J has a football match to participate on a different day of a week, starting from Monday to Sunday of the same week. E has a match on the day immediately after I. G has a match immediately after H. J has a match immediately after E, but not on Sunday. D has a match on Wednesday. Who among the following has a match on Sunday ?

(a) G (b) F
(c) H (d) E

RRB Group-D– 08/09/2022 (Shift-I)

Ans. (b) : According to the question

Days	Person
Monday	H
Tuesday	G
Wednesday	D
Thursday	I
Friday	E
Saturday	J
Sunday	F

Hence, it is clear that F has a match on Sunday.

17. Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.

S has the exam on Thursday. Only one person has the exam between S and T. Q has the exam on the day immediately before V but not on a Monday. Only two people have exam between Q and U. P's exam is on one of the days before T but on one of the days after R. Who among the following has the exam on Monday ?

(a) Q (b) R
(c) P (d) T

RRB Group-D– 08/09/2022 (Shift-I)

Ans. (b) : According to the question

Days	Person
Monday	R
Tuesday	U
Wednesday	P
Thursday	S
Friday	Q
Saturday	V
Sunday	T

Hence, it is clear that R has the exam on Monday.

18. Each of W, X, Y, Z, A, B and C has a wedding to attended on a different day of a week starting from Monday to Sunday of the same week. C has to attend wedding immediately after A. Y has to attend a wedding on one of the days before B and W. Only Z has to attend a wedding before A. X has to attend a wedding on Friday. B does not have to attend a wedding on Sunday. On which day of the week does Y have to attend a wedding?

(a) Saturday (b) Sunday
(c) Wednesday (d) Thursday

RRB Group-D– 17/08/2022 (Shift-III)

Ans. (d) : According to the question

Days	Person
Monday	Z
Tuesday	A
Wednesday	C
Thursday	Y
Friday	X
Saturday	B
Sunday	W

Hence, it is clear that Y has to attend a wedding on Thursday.

19. Amongst six friends, A, B, E, F, K and Z, each has a different height. Only two friends are taller than D. Only four friends are shorter than Z. K is taller than Z. E is immediately shorter than F. A is the shorter among all. Who is the second tallest among all the friends?

(a) K (b) D
(c) E (d) Z

RRB Group-D– 06/09/2022 (Shift-II)

Ans. (d) : According to the question–

On arranging according to the height of the six friends is as follows

	Height	R
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		

Hence, Z is the second tallest among all the friends. So option (d) is correct.

20. **Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.**
R travelled in February. Only one person travelled between R and S. Only three people travelled between Q and T. T travelled in a month after S. Who among them travelled in may?
(a) Q (b) S
(c) T (d) P

RRB Group-D– 05/09/2022 (Shift-II)

Ans.(c) : According to the question

Month	Person
January	Q
February	R
March	P
April	S
May	T

Hence, it is clear from above table that T has travelled in May.

21. **Six players, Aman, Bidya, Chahal, Dron, Eha and Ghaziff, were born on different dates 1st, 2nd, 3rd, 4th, 5th and 6th of the same month. None of them were born after Dron, who was born on the date which is immediately after Eha. Only three players were born before Aman. Only two players were born between Chahal and Eha. Bidya was not born after Chahal. Who among the following was born on 3rd?**
(a) Ghaziff (b) Bidya
(c) Aman (d) Chahal

RRB Group-D– 18/09/2022 (Shift-III)

Ans.(a) : According to the question

Date	Name
1st	Bidya
2nd	Chahal
3rd	Ghaziff
4th	Aman
5th	Eha
6th	Dron

Hence, it is clear that Ghaziff was born on 3rd.

22. **Six friends M, N, O, P, Q and R have their tests on a different day of week starting from Monday and ending on Saturday of the same week. Only two friends are having their tests before M's test. Only four friends are having their tests after Q's test. Only O has the test between the tests of P and N. Who amongst the following has test on Monday?**
(a) P (b) O
(c) N (d) R

RRB Group-D– 26/09/2022 (Shift-II)

Ans.(d) : Six friends test days according to the question are as follows-

Days	Person
Monday	R
Tuesday	Q
Wednesday	M
Thursday	P/N
Friday	O
Saturday	N/P

Hence, R has test on Monday.

23. **Each of six teachers J, K, L, M, N and O, have their classes on six different days of a week starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Only two teachers have classes before M's class. J has the class on Tuesday and O has the class on Saturday. Only one teacher has the class after the class of K. N's class is not between the classes of K and M. Who among the following has the class on Monday?**
(a) L (b) K
(c) N (d) M

RRB Group-D– 22/09/2022 (Shift-III)

Ans.(c) : According to the question

Days	Person
Monday	N
Tuesday	J
Wednesday	M
Thursday	L
Friday	K
Saturday	O

Hence, it is clear from above table that N has the class on Monday.

24. **Each of the six students, Pavan, Vinay, Roshan, Sonayana, Tarun and Unmukth, has an engineering entrance exam on a different day of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. Roshan has the exam on Tuesday. Only one student has the exam between Pavan and Roshan. Vinay has the exam on the day immediately after Pavan. None of them have the exam before Unmukth. Sonayana has the exam on the day immediately after Roshan.**
On which day does Tarun have the exam?
(a) Saturday (b) Thursday
(c) Friday (d) Wednesday

RRB Group-D– 20/09/2022 (Shift-I)