Railway RRB - Model Question Paper 3

1. What is the percentage of gold in 18 carat gold?

(A) 82%

(B) 75%

(C) 80%

(D) 90%

(E) None of these

2. Which one of the following is the largest mammal?

(A) Giraffe

(B) Elephant

(C) Blue Whale

(D) Rhinoceros

(E) None of these

3. Rayon fibre is made up of ………………

(A) Cellulose

(B) Petroleum

(C) Paper

(D) Polythene

(E) None of these

4. Which part of the camera works similar to that of the retina of human's eye?

(A) Lens

(B) Film

(C) Shutter

(D) None of these

(E) None of these

5. What is the normal blood pressure of human?

(A) 90 / 120 mm of Hg

(B) 90 / 140 mm of Hg

(C) 100 / 140 mm of Hg

(D) 80 / 120 mm of Hg

(E) None of these

6. Which type of radiation is absorbed by the upper layer of the atmosphere?

(A) Radio waves

(B) Ultraviolet

(C) Infrared

(D) Visible

(E) None of these

7. Where is Indira Gandhi Atomic Research Center located?

(A) Sriharikota

(B) Mumbai

(C) Thiruvananthapuram

(D) Kalpakkam

(E) None of these

8. Which of the following disease is caused by Virus?

(A) Hepatitis

(B) Tuberculosis

(C) Typhoid

(D) Cholera

(E) None of these

9. A fuse wire should have following characteristics ----

(A) Low melting point, high resistance

(B) High melting point, low resistance

(C) Low melting point, low resistance

(D) High melting point, high resistance

(E) None of these

10. Which of the following are decomposers?

(A) Animals

(B) Birds

(C) Bacteria and Fungi

(D) Soil and water

(E) None of these

11. On which principle hydrogen bomb works?

(A) Nuclear fission

(B) Nuclear fusion

(C) Electromagnetic effect

(D) Photoelectric effect

(E) None of these

12. Whose ore is cinnabar?

(A) Mercury

(B) Gold

(C) Silver

(D) Iron

(E) None of these

13. Which is called as the brain of the computer?

(A) Scanner

(B) CPU

(C) Modem

(D) Monitor

(E) None of these

14. Where RBCs are formed?

(A) Kidney

(B) Liver

(C) Spleen

(D) Bone marrow

(E) None of these

15. How many litres are there in a barrel?

(A) 159

(B) 151

(C) 100

(D) 101

(E) None of these

16. Which of the following organ of human body has the highest number of bones?

(A) Vertebrae

(B) Fingers

(C) Brain

(D) Mouth

(E) None of these

17. Air bubble in water works as………………

(A) Concave lens

(B) Convex lens

(C) Convexo convex lens

(D) None of these

18. Which type of coal is used to produce thermal electricity?

(A) Bituminous

(B) Anthracite

(C) Lignite

(D) Peat

(E) None of these

19. Which of the following is the substitute for wool?

(A) PVC

(B) Mercerized cotton

(C) Polythene

(D) Nylon 6, 6

(E) None of these

20. Which of the following element is essential for the formation and growth of bones and cartilages?

(A) Zinc

(B) Silicon

(C) Magnesium

(D) Calcium

(E) None of these

21. Generally the wire of the electric fuse is made up of
_____.

(A) Nickel

(B) Glass

(C) Tin

(D) Alloy of Tin and glass

(E) None of these

22. Dry cell is a type of _____.

(A) Primary cell

(B) Secondary cell

(C) Tertiary cell

(D) Quaternary cell

(E) None of these

23. Photosynthesis takes place in _____.

(A) Mitochondria

(B) Ribosome

(C) Chloroplast

(D) Nucleolus

(E) None of these

24. Which of the following is not a true fish?

(A) Star fish

(B) Saw fish

(C) Guitar fish

(D) Pipe fish

(E) None of these

25. Lead in pencil is made up of _____.

(A) Coal

(B) Lamp black

(C) Graphite

(D) Lead

(E) None of these

Directions (26-30): Study the following information carefully and answer the questions given below:

Seven person P, Q, R, S ,T , U and V like different dance forms, viz- Mask dance Bihu, Nati, Mandi, Bharatnatyam, Nautanki and Lavani, but not necessarily in the same order. Each of them has a different profession, viz- Banking, Acting, Business, Dancing, Anchoring, teaching and Writing, but not necessarily in the same order. P is an Anchor. S likes Lavani. The person who likes Bharatnatyam is doing a job of Acting. The person who does teaching is fond of Nati dance. U does not like Teaching, Acting, Banking or Dancing. U does not like Nautanki, Bihu or Mandi. Q doesn't have a profession of Business, Acting, Banking or Dancing. Q does not like Mandi, Mask dance, Bihu or Nautanki. R does not like Bharatnatyam and his profession is neither Banking nor Dancing. Neither S nor V does a job a Banking. P does not like Bihu dance and mask dance. The person who does Business likes Nautanki.

26. Who among the following does a job of teaching?

1. Q

2. U

3. S

4. T

5. Can't say

27. Which of the following combinations is true according to the given information?

1. P- Mask dance- Anchoring

2. R- Nati- Teaching

3. T- Bihu- Writing

4. S- Lavani- Dancing

5. All the above

28. Which of the following is true about V?

1. Bharatnatyam - Acting

2. Lavani- Writing

3. Nati - Teaching

4. Nautanki - Business

5. Mask dance - writing

29. The person who has the profession of Banking, likes?

1. Mask dance

2. Bharatnatyam

3. Mandi

4. Lavani

5. Bihu

30. Who among the following likes a Nautanki?

1. P

2. R

3. T

4. V

5. Other than the given options

Directions (31-35): In each of the following questions below are given some statements followed by some conclusions. You have to take the given statements to be true if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which one of the given conclusions logically definitely does not follow:

31. **Statements:**

All soils are stones.

Some stones are hills.

All mountains are not clouds.

Conclusions:

l) Some soils being clouds is a possibility.

2) Some soils are hills is a possibility.

3) No stone is cloud.

4) All mountains being stones is a possibility.

5) No stone is a soil.

32. Statements:

Some waters are streams.

All streams are canals.

All canals are rivers, Some streams are ponds.

Conclusions:

l) All ponds are canals.

2) All canals are pond is a possibility

3) All streams are rivers.

4) All canals are waters is a possibility.

5) All streams are not canals.

33. Statements:

Some trees are forests.

Some forests are animals.

All herbivores are pets.

All animals are not herbivores.

Conclusions:

1) Some trees are animals.

2) No pet is a herbivore.

3) Some trees are animals is a possibility.

4) All herbivores being trees is a possibility.

5) All forest being animals is a possibility.

34. **Statements :**

Some buses are trains.

Some trains are metroes.

Some metroes are smarts.

All smarts are electronic vans.

Conclusions:

1) No electronic van is a smart.

2) Some metroes are electronic vans.

3) Some trains being electronic vans is a possibility.

4) Some electronic vans are buses is a possibility

5) Some trains are buses.

35. **Statements :**

All apples are oranges

All apples are not papayas.

Some papayas are guavas.

Some oranges are sweets.

Conclusions:

l) All apples being sweets is a possibility.

2) All guavas are sweets

3) All sweets being guavas is a possibility.

4) Some papayas are not apples.

5) No orange is sweet.

36. A dishonest trader marks up his goods by 80% and gives a discount of 25%. Besides, he gets 20% more amount per kg from a wholesaler and sells 10% less per kg to customers. What is the overall profit percentage?

1. 82%

 2. 76%

3. 78%

4. 75%

37. From the salary, Pavan spent 15% for house rent, 5% for children's education and 15% for Entertainment. Now he left with Rs.26,000. His salary is

1. 10000

2. 15000

3. 18000

4. 25000

5. 40000

38. A and B invested in a business. They earned some profit which they divided in the ratio of 2:3. If P invested Rs.15,000, the amount invested by B is

1. 10500

2. 12500

3. 15500

4. 20500

5. 22500

39. Milk and water are in the ratio of 3:2 in a mixture of 70 liters.

How much water should be added so that the rate of milk and water become 2:3?

1. 35

2. 38

3. 40

4. 45

5. 60

40. length of a rectangle is reduced by 40%. By what percent would the width have to be increased to maintain the original area?

1. 66.60%

2. 60.65%

3. 66.66%

4. 50.55%

5. None of these

41. A clock strike once at 1 o'clock , twice at 2 o'clock ,thrice at 3 o'clock and so on. What is the total number of strikings in a day ?

(a) 24

(b) 72

(c) 144

(d) 156

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(b) 72

(c) 144

(d) 156

43. Who was appointed Deputy Dewan of Murshidabad (Bengal) by Robert Clive after the Allahabad Treaty?

(A) Mohd Raza Khan

(B) Raja Shitab Rai

(C) Rai Durlabh

(D) Syed Gulam Hussain

44. Where was Azad Hind Fauj setup ?

(A) Japan

(B) Burma

(C) Singapore

(D) England

45. The Rowlett Act aimed at

(A) Compulsory economic support to war efforts.

(B) Imprisonment without trial and summary procedures for trial

(C) Imposition of restriction on freedom of the press.

(D) Suppression of the Khilafat movement

46. Which of the following Animals was not known to the Indus valley civilization?

(A) Bull

(B) Horse

(C) Elephant

(D) Giraffe

47. The Ancient name of North Bihar was

(A) Vatsa

(B) Vajji

(C) Surasen

(D) Avanti

48. Which Sikh Guru helped the rebel prince Khusro with money and blessing ?

(A) Guru Hargovind

(B) Guru Govind Singh

(C) Guru Arjun dev

(D) Guru Tegh Bahadur

49. Which one of the following pairs is matched correctly?

(A) Supreme court of India → Article 318

(B) Election commission of India → Article 324

(C) Union public service commission → Article 332

(D) Attorney General → Article 35

50. The office of Lokpal and Lokayukta in India is based on which one of the following ?

(A) Parliamentary Commissioner of UK

(B) Ombudsman in Scandinavia

(C) Procurator General of Russia

(D) Council of state in France