



Practice, Learn and Achieve
Your Goal with Prepp

RRB NTPC Exam

Phase I Previous Paper

Simplifying
Government Exams



Que. 1

In Computers, what does ALU stand for?

- 1) Advanced Logic Unit
 - 2) Accelerated Logic Unit
 - 3) Arithmetic Logic Unit
 - 4) Asymmetric Logic Unit
-

Que. 2

The ratio of ages of Suraj and Mohan 4 years ago was 7 : 8 and after 5 years from now, their ratio will become 10 : 11. Find the present age of Suraj.

- 1) 24 years
 - 2) 25 years
 - 3) 28 years
 - 4) 21 years
-

Que. 3

Select the related word from the given alternative.

ROAD : URDG :: LANE : ?

- 1) ODQH
 - 2) MDQH
 - 3) QHDN
 - 4) QNDH
-

Que. 4

The book titled 'Social Harmony' is written by:

- 1) Atal Bihari Vajpayee
 - 2) Shyama Prasad Mukherjee
 - 3) Narendra Modi
 - 4) Lal Krishna Advani
-

Que. 5

BJP had won how many seats in the Lok Sabha election 2019?

- 1) 320
 - 2) 350
 - 3) 303
 - 4) 280
-

Que. 6

A can complete a task in 16 days and B is 4 times faster than A. Find the part of work done by both A and B together in 1 day.

- 1) 5/18
- 2) 3/16
- 3) 5/16
- 4) 3/20

Que. 7

If in certain language $M = 13$ and $MAT = 34$ then how WAX is coded in that language?

- 1) 45
 - 2) 48
 - 3) 50
 - 4) 44
-

Que. 8

All India Muslim League was founded in which year?

- 1) 1905
 - 2) 1906
 - 3) 1907
 - 4) 1908
-

Que. 9

When has the khilafat movement started?

- 1) 1919
 - 2) 1908
 - 3) 1929
 - 4) 1909
-

Que. 10

A can complete a work in 12 days and B can complete the same work in 24 days. Find the time taken by both A and B together to complete the work.

- 1) 8 days
 - 2) 10 days
 - 3) 6 days
 - 4) 9 days
-

Que. 11

If Meera's mother age is four times of Meera. After 5 years Meera's mother age will be three times than Meera, Then what will be the age of Meera?

- 1) 10 years
 - 2) 15 years
 - 3) 20 years
 - 4) 23 years
-

Que. 12

Tomb of Akbar is located at which of the following place?

- 1) Delhi.
 - 2) Agra.
 - 3) Amarkot.
 - 4) Lahore.
-

Que. 13

Who wrote his own autobiography "Tuzuk-i-Baburi"?

- 1) Babur
 - 2) Shah Jahan
 - 3) Aurangzeb
 - 4) Akbar
-

Que. 14

Find the amount after 3 years if the rate of interest is 15% per annum and principal is Rs. 24,000.

- 1) Rs. 30,900
 - 2) Rs. 32,700
 - 3) Rs. 36,500
 - 4) Rs. 34,800
-

Que. 15

Select the related numbers from the given alternative.

$$80 : 730 :: ? : 344$$

- 1) 45
 - 2) 49
 - 3) 50
 - 4) 48
-

Que. 16

Which of the following is a volatile memory?

- 1) EPROM
 - 2) EEPROM
 - 3) DVD
 - 4) SRAM
-

Que. 17

Which session of INC passed the famous 4 resolutions, namely - swaraj, swadeshi, Boycott and National Educations?

- 1) 1906 Calcutta session
 - 2) 1920 Calcutta session
 - 3) 1929 Lahore session
 - 4) 1919 Amritsar session
-

Que. 18

A boat covered 20 km downstream and 28 km upstream. The speed of boat in still water is 7 km/hr and speed of stream is 3 km/hr. Find the time taken to complete the whole journey.

- 1) 9 hours
 - 2) 8 hours
 - 3) 6 hours
 - 4) 10 hours
-

Que. 19

Select the missing number in the given series?

18, 22, 21, 20, 24, 18, ?

- 1) 25
 - 2) 30
 - 3) 27
 - 4) 26
-

Que. 20

In which of the following states of India is the Moatsu festival celebrated?

- 1) Nagaland
 - 2) Tripura
 - 3) Assam
 - 4) West Bengal
-

Que. 21

During which of the following Viceroy Widow Remarriage Act was introduced?

- 1) Lord Amherst
 - 2) Lord Dalhousie
 - 3) Lord Hardinge-I
 - 4) William Bentinck
-

Que. 22

The ratio of water and milk in a mixture of 65 litre is 5 : 8. What quantity of water(in litre) must be added so that the ratio of water and milk becomes 3 : 4?

- 1) 3 litres
 - 2) 4 litres
 - 3) 5 litres
 - 4) 6 litres
-

Que. 23

Select the related word from the given alternative.

RIGHT : WORK :: FUSY : ?

- 1) KPND
 - 2) LPND
 - 3) KPNE
 - 4) LMPB
-

Que. 24

Kamet peak is the highest point in which of the following ranges?

- 1) Karakoram
 - 2) Ladakh
 - 3) Zanskar
 - 4) Pir Panjal
-

Que. 25

When was Goods and Services Tax (GST) introduced in India?

Useful Links

-
- 1) February, 2017
 - 2) April, 2017
 - 3) July, 2017
 - 4) January, 2017

Que. 26

Find the value of $1\sqrt{+2\sqrt{+12\sqrt{+3\sqrt{+13\sqrt{+4\sqrt{+...+19\sqrt{9+1\sqrt{00}}}}}}}}$ $1+2+12+3+13+4+...+199+100$

- 1) 11
- 2) 9
- 3) - 9
- 4) - 11

Que. 27

A series is given and one term is missing. Select the correct alternative from the given ones that will complete the given series.

AJKTU, BILSV, CHMRW, DGNQX, ?

- 1) FEOPY
- 2) EFOPY
- 3) GHOPY
- 4) PYEFO

Que. 28

According to which Article of the Indian Constitution, the President can be impeached?

- 1) Article 62
- 2) Article 60
- 3) Article 57
- 4) Article 61

Que. 29

Name the state that has been ranked first in terms of Wind energy production?

- 1) Gujarat
- 2) Tamil Nadu
- 3) Andhra Pradesh
- 4) Rajasthan

Que. 30

What will come in the place of the question mark ‘?’ in the following question?

$30\% \text{ of } 300 \div 25 + 5 \times 2\% \text{ of } 200 = ?$

- 1) 12
- 2) 15
- 3) 23.6
- 4) 21.6

Que. 31

Select the number that can be placed at the sign of question mark(?) from the given alternative.

3	4	5
2	3	4
1	2	3
14	29	?

- 1) 50
- 2) 51
- 3) 60
- 4) 70

Que. 32

The "National Human Right Commission" (NHRC) consists of how many members?

- 1) 4 members
- 2) 5 members
- 3) 6 members
- 4) 7 members

Que. 33

A sum of Rs. 15000 is invested at 10% compound interest for 2 years. Find the amount after 2 years.

- 1) Rs. 15510
- 2) Rs. 18150
- 3) Rs. 19820
- 4) Rs. 18754

Que. 34

In the following question four pairs of numbers are given. The number of the left side is related to the number to the right side. Three of them are similar on the basis of same logic. Find the odd one from the give alternative?

- 1) 27 - 118
- 2) 33 - 132
- 3) 41 - 164
- 4) 73 - 292

Que. 35

Alps mountain range is located in which continent?

- 1) Europe
- 2) North America
- 3) South America
- 4) Africa

Que. 36

What is the new name of Jog or Gerosoppa waterfall?

- 1) Mahatma Gandhi Waterfall
- 2) Jawaharlal Nehru Waterfall
- 3) Sardar Patel Waterfall
- 4) Rajiv Gandhi Waterfall



Que. 37

A trader sells an article at Rs. 3200 with 20% loss. What will be the selling price of article if trader gains 25%?

- 1) Rs. 5000
 - 2) Rs. 3500
 - 3) Rs. 4000
 - 4) Rs. 4700
-

Que. 38

In a certain code language, "you are good" is written as "256", "we are bad" is written as "637" and "good and bad" is written as "358". How is "and" written in that code language?

- 1) 2
 - 2) 5
 - 3) 8
 - 4) 3
-

Que. 39

Who among the following persons has won the Bharat Ratna Award in 2019?

- 1) Bhupen Hazarika
 - 2) Atal Bihari Vajpayee
 - 3) Pandit Madam Mohan Malviya
 - 4) None of the above
-

Que. 40

Pulitzer prize is given in the field of _____.

- 1) Journalism
 - 2) Sports
 - 3) Medicine
 - 4) None of these
-

Que. 41

A mixer is sold at discount of 25% and profit given is 20%. Find the ratio of CP to MRP.

- 1) 5 : 8
 - 2) 8 : 5
 - 3) 4 : 5
 - 4) 5 : 4
-

Que. 42

A series is given with one missing term. Select the correct alternative from the given ones that will complete the series.

PON, RQP, TSR, VUT, ?

- 1) XWY
 - 2) XWV
 - 3) YUW
 - 4) XXV
-



Que. 43

When was Swachh Bharat Mission launched in India?

- 1) 2014
 - 2) 2015
 - 3) 2016
 - 4) 2013
-

Que. 44

The famous Komagata Maru incident took place in which of the following years?

- 1) 1904
 - 2) 1909
 - 3) 1914
 - 4) 1919
-

Que. 45

The ratio of length of 2 trains is 5 : 6 and the ratio of their speeds is 2 : 3. Find the ratio of time taken by them to cross a pole.

- 1) 5 : 4
 - 2) 7 : 4
 - 3) 2 : 7
 - 4) 5 : 7
-

Que. 46

Identify the diagram that best represents the relationship among classes given below:

UP, India and Banaras

- 1)
 Three separate circles.
- 2)
 Two overlapping circles.
- 3)
 Three concentric circles.
- 4)
 Two overlapping circles.

Que. 47

What is the pH value of acid rain?

- 1) Less than 5.6



-
- 2) More than 5.6
 - 3) Equal to 7.0
 - 4) More than 7.0
-

Que. 48

What is the cause of the formation of 'Aurora Borealis'?

- 1) It occurs when sunlight hits ice crystals in cirrus clouds that are very high in the sky
 - 2) It is formed when there's a reflection of light from the sun and the moon form various small ice crystals suspended in the air
 - 3) the collisions between gaseous particles in the Earth's atmosphere with charged particles released from the sun's atmosphere
 - 4) It is formed when a concentrated bright spot is seen on one or both sides of the sun
-

Que. 49

Two trains of length 125 m each are coming from opposite directions. If the speeds of 2 trains are 18 m/s and 22 m/s, then find the time in which 2 trains will cross each other.

- 1) 25/4 secs
 - 2) 5 secs
 - 3) 48 secs
 - 4) 7 secs
-

Que. 50

Identify the diagram that best represents the relationship among classes given below

Fruit, Apple and Potato

- 1)

 - 2)

 - 3)

 - 4)

-

Que. 51

Who among the following was the first cricket player to win Arjun Award?

- 1) C.K. Nayudu
- 2) Salim Durani



-
- 3) Ajit Wadekar
 - 4) Ramakant Achrekar
-

Que. 52

What will come in the place of the question mark ‘?’ in the following question?

$$25\% \text{ of } 400 \div 8 \times 4 + 25 - 17 = ?$$

- 1) 11.125
 - 2) 50
 - 3) 55
 - 4) 58
-

Que. 53

Select the related number from the given alternatives.

$$20 : 30 :: ?: 72$$

- 1) 48
 - 2) 19
 - 3) 20
 - 4) 31
-

Que. 54

Find the median of the given set value.

$$\text{Set} = \{37, 17, 53, 7, 13, 57, 23, 19\}$$

- 1) 10
 - 2) 18
 - 3) 21
 - 4) 25
-

Que. 55

In the following question, which mathematical operators can be used so that the expression will become correct?

$$8 * 5 * 27 * 3 * 16$$

- 1) $\times, =, -, \div$
 - 2) $+, \div, =, -$
 - 3) $\times, =, -, +$
 - 4) $+, \times, -, =$
-

Que. 56

Shalimar Garden located in Lahore, Pakistan, was built by which Mughal Emperor?

- 1) Jahangir
 - 2) Shah Jahan
 - 3) Akbar
 - 4) Aurangzeb
-

Que. 57

The area of base of a cylinder is $25\pi \text{ cm}^2$. If the height of cylinder is 9 cm, then find the total surface area of cylinder.



-
- 1) 440 cm²
 - 2) 240 cm²
 - 3) 420 cm²
 - 4) 220 cm²

Que. 58

Three of the four numbers in the alternatives have numbers which hold the same relationship. Find the odd one out.

- 1) 28
- 2) 45
- 3) 72
- 4) 81

Que. 59

Which of the following alcohol is known as a wood spirit?

- 1) Methyl Alcohol
- 2) Ethyl Alcohol
- 3) Ethylene Glycol
- 4) Glycerol

Que. 60

The ratio of heights of 2 cones is 3 : 4 and the ratio of radius of 2 cones is 5 : 6. Find the ratio of volumes of 2 cones.

- 1) 75/144
- 2) 75/72
- 3) 72/75
- 4) 144/75

Que. 61

Select the related word from the given alternatives.

Cells : Cytology :: Birds : ?

- 1) Paleontology
- 2) Ornithology
- 3) Entomology
- 4) Anthology

Que. 62

Which is the shortest part of small intestine?

- 1) Duodenum
- 2) Jejunum
- 3) Ileum
- 4) None of the above

Que. 63

The ratio of length and breadth of a rectangle is 5 : 4. The perimeter of rectangle is 54 cm. Find the area of rectangle.

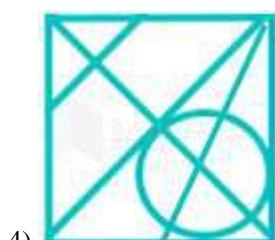
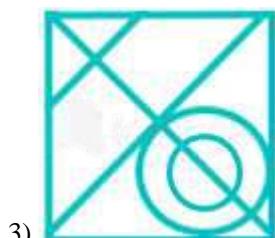
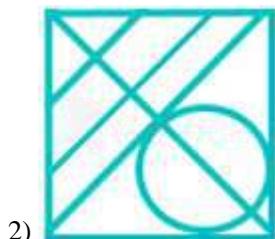
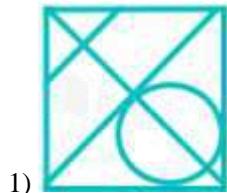
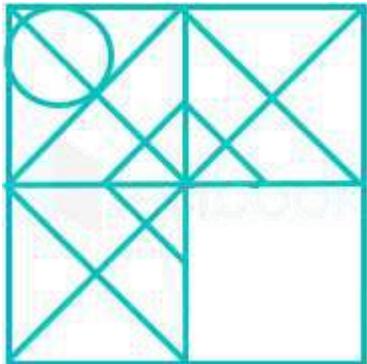
- 1) 180 cm²



-
- 2) 160 cm²
 - 3) 210 cm²
 - 4) 280 cm²

Que. 64

Identify the figure that completes the pattern of the given figure.



Que. 65

The function that is not influenced by estrogen is_____.

- 1) Release of eggs from the ovaries
- 2) Formation of sperms
- 3) Development of the breasts
- 4) Menstrual cycle

Que. 66

Find the mean of the given set value.

Set = {27, 26, 17, 25, 43, 19, 37, 10}

- 1) 24
- 2) 25.5
- 3) 27.5
- 4) 29

Que. 67

In the question, two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement: Ramesh's friend helped him to get a loan.

Conclusions:

I: Ramesh's friend was supportive.

II: Ramesh had many friends.

- 1) Only conclusion I follows
- 2) Only conclusion II follows
- 3) Neither I or II follows
- 4) Both I and II follow

Que. 68

Which among the following is an example of Diffraction?

- 1) The blue color of the sky
- 2) The twinkling of the stars
- 3) The Tyndall effect
- 4) Rainbow patterns found on a CD

Que. 69

If $x + y = 25$ and $xy = 35$, then $1/x + 1/y = ?$

- 1) $57 - \sqrt{57}$
- 2) $7/5$
- 3) $5/7$
- 4) $75 - \sqrt{75}$

Que. 70

Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

- 1) All students in my class are active.
- 2) Rohini is not active.

Conclusions:

- I. Rohini is not a student of my class.
 - II. Rohini must be active.
- 1) Both conclusions I and II follow.



-
- 2) Only conclusion I follows.
 - 3) Only conclusion II follows.
 - 4) Neither conclusion I nor II follows.
-

Que. 71

Which disease is caused due to deficiency of Iodine?

- 1) Rickets
 - 2) Scurvy
 - 3) Goitre
 - 4) Growth retardation
-

Que. 72

$\sin A = 1/x$ then $\cos A = ?$

- 1) $x^2+1/\sqrt{x^2+1}$
 - 2) $x^2-1/\sqrt{x^2-1}$
 - 3) $x^2-1/\sqrt{x^2-1}$
 - 4) $x^2+1/\sqrt{x^2+1}$
-

Que. 73

Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- No actor is an engineer.
- All engineers are magicians.

Conclusions:

- I. No magician is an engineer.
 - II. Some magicians are engineers.
- 1) Only conclusion I follows
 - 2) Both conclusions follow
 - 3) Either conclusion I or II follows
 - 4) Only conclusion II follows
-

Que. 74

In which body part can one find the Synovial fluid?

- 1) Muscles
 - 2) Liver
 - 3) Kidney
 - 4) Joints
-

Que. 75

$\tan \alpha = a/b$ then the value of $\sin \alpha + \cos \alpha$ is:

- 1) $a^2+b^2\sqrt{a^2+b^2}+ab$
- 2) $a+ba^2+b^2\sqrt{a^2+b^2}+ab$
- 3) $a^2-b^2\sqrt{a^2+b^2}-ab$

-
- 4) $a+ba^2-b^2/a+ba^2-b^2$

Que. 76

Direction: In the question below there are two statements followed by two conclusions I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

- I. All bottles are cups.
- II. Some cups are jugs.

Conclusions:

- I. Some bottles are jugs.
 - II. No jug is cup.
- 1) Only conclusion I follows.
 - 2) Only conclusion II follows.
 - 3) Either conclusion I or II follows.
 - 4) Neither conclusion I nor II follows.

Que. 77

In which part of the body is cornea and the retina found?

- 1) Palm
- 2) Ear
- 3) Nose
- 4) Eye

Que. 78

What is the difference between largest and smallest number of six digits?

- 1) 90000
- 2) 899999
- 3) 89999
- 4) 889999

Que. 79

Direction: In the question below there are two statements followed by two conclusions I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

- I. All shirts are trousers.
- II. No trouser is the jacket.

Conclusions:

- I. Some shirts are jackets.
 - II. Some jackets are trousers.
- 1) Only conclusion I follows.
 - 2) Only conclusion II follows.
 - 3) Either conclusion I or II follows.
 - 4) Neither conclusion I nor II follows.

Que. 80

What is the main aim of Montreal Protocol?

- 1) Protection of the Ozone layer
- 2) Bio-diversity Conservation
- 3) Global Warming
- 4) Climate Change

Que. 81

A man was travelling half of the total distance at a speed of 30 km/h and the rest distance at the speed of 50 km/h. What was the average speed of the man on his whole journey?

- 1) 40 km/hr
- 2) 37.5 km/hr
- 3) 42.5 km/hr
- 4) 35km/hr

Que. 82

Study the following information carefully to answer the given questions:

If 'P @ Q' means that P is the wife of Q,
'P % Q' means that P is the son of Q,
'P \$ Q' means that P is the father of Q,
'P # Q' means that P is the mother of Q.

How is A related to Y in the given relation M @ C % A \$ B # Y?

- 1) Mother
- 2) Maternal Grand Father
- 3) Grand Mother
- 4) Can't be determined

Que. 83

In February 2020, the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme has completed one year. Where was the scheme launched?

- 1) Jaipur
- 2) Gorakhpur
- 3) Kochi
- 4) Gandhinagar

Que. 84

Ratio of two number is 5 : 6 and their HCF is 6. LCM of these two numbers is:

- 1) 150
- 2) 180
- 3) 90
- 4) 120

Que. 85

A is brother of B. B is the brother of C. C is the husband of D. E is the father of A. D is related to E as

- 1) Daughter



-
- 2) Daughter-in-law
 - 3) Sister-in-law
 - 4) Sister
-

Que. 86

GST was introduced as the ____ amendment act.

- 1) 100
 - 2) 101
 - 3) 102
 - 4) 103
-

Que. 87

HCF of 910,325,615,125 910,325,615,125 is:

- 1) 50
 - 2) 11501150
 - 3) 350350
 - 4) 150150
-

Que. 88

What is the number of triangles in the following figure?



- 1) 7
 - 2) 9
 - 3) 11
 - 4) 5
-

Que. 89

Onam is a festival celebrated in which Indian state?

- 1) Karnataka
 - 2) Kerala
 - 3) Goa
 - 4) Tamil Nadu
-

Que. 90

The given pie chart represents the marks of a student Maths, Hindi, English, Science and Computer Science. The Total marks is 540.

The subject in which student scored 135 marks is

Useful Links

-
- 1) Maths
 - 2) English
 - 3) Hindi
 - 4) Science

Que. 91

If '+' means '×', '-' means '÷', '×' means '-' and '÷' means '+', then choose the correct expression from the following options.

- 1) $30 - 3 \div 7 + 2 \times 21 = 4$
- 2) $39 - 13 \times 6 + 3 \div 19 = 3$
- 3) $9 + 4 \div 8 + 3 \times 10 = 50$
- 4) $16 + 2 \div 8 - 4 \times 9 = 30$

Que. 92

The headquarter of National Bank For Agriculture & Rural Development (NABARD) is in:

- 1) Delhi
- 2) Chandigarh
- 3) Kolkata
- 4) Mumbai

Que. 93

The average marks of subject Maths and English is

- 1) 90
- 2) 120
- 3) 110
- 4) 115

Que. 94

If 'MINISTER' can be coded as 'RETSINIM', then how would you code 'PRESIDENT'?

- 1) SIPRETNED
- 2) TNEDISERP
- 3) PREDENTSI
- 4) TNEDIPRES

Que. 95

FIFA Football World Cup of 2022 will be hosted by _____.

- 1) USA
- 2) UAE
- 3) Qatar
- 4) Russia

Que. 96

Find the difference of marks of the sum of Maths and English to the sum of Computer Science and Science.

- 1) 40
- 2) 50



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