

RRB NTPC Previous Year Paper 06

1. A recently discovered bird species named 'Himalayan Forest Thrush' was found in ____.

- (a) Dehradun
- (b) Northeast India
- (c) Uttarakhand
- (d) Ladakh Region

Q2. Leprosy is also known as

- (a) Angina
- (b) Hansen's disease
- (c) Gaucher disease
- (d) Hodgkin disease

Q3. Find the odd one out in relation world heritage sites.

- (a) Rashtrapati Bhavan
- (b) Chatrapati Shivaji Terminus
- (c) Taj Mahal
- (d) Sun Temple

Q4. One side of a rectangle is 12 m and its diagonal is 13 m. Find its area.

- (a) 60 sq.m
- (b) 55 sq.m
- (c) 50 sq.m
- (d) 45 sq.m

Q5. Who was the coach for U-19 World Cup (2016) held in Bangladesh?

- (a) Rahul Dravid
- (b) Virendra Sehwag
- (c) Sourav Ganguly
- (d) Anil Kumble

Q6. Read the given statements carefully and answer the question.

Statement:

I. Domestic price of petrol has gone down.

II. International price of crude oil has decreased.

- (a) I is the cause and II is the effect.
- (b) II is the cause and I is the effect.
- (c) I and II are independent of each other.
- (d) I and II are effects of independent causes.

Q7. In a map drawn to a scale of 1 cm = 18.5 km, the distance between places A and B = 22.25 cm. Find the actual distance in kilometer.

- (a) 411.625
- (b) 425.615
- (c) 412.625
- (d) 405.615



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Q8. Find the odd one out.

- (a) Silent valley
- (b) Silicon valley
- (c) Indus valley
- (d) Damodar valley

Q9. Who was conferred the Arjuna Award for badminton in 2015?

- (a) Kidambi Srikanth
- (b) Saina Nehwal
- (c) Chetan Anand
- (d) Rohit Sharma

Q10. If 'you are john' is written as 'net let far', 'who are you' is; let wet net; and 'john is good' is 'get set far', which represents 'is'?

- (a) set
- (b) get
- (c) fat
- (d) cannot be determined.

Q11. Till the end of 2015, India has established _____ research stations in Atarctica.

- (a) 2
- (b) 3
- (c) 4
- (d) 5

Q12. A train running at 60 kmph crosses a pole in 30 seconds. What is the length of the train?

- (a) 250 m
- (b) 750 m
- (c) 500 m
- (d) 450 m

Q13. Jantar Mantar in Delhi was built by Maharaja ____.

- (a) Jai Singh I of Jaipur
- (b) Jai Singh II of Jaipur
- (c) Ram Singh I
- (d) Bishan Singh

Q14. A statement followed by some conclusions are given below.

Statement: Customer service cannot be enforced. It has to come from within.

Conclusions:

- I. Customer service should be voluntary.
- II. Employees do not serve customers.

Find which of the given conclusions logically follow from the given statement.

- (a) Only conclusion I follows.
- (b) Only conclusion II follows.
- (c) Both I and II follow.
- (d) Neither I nor II follows.

Q15. As per the India State Forest Report 2015, _____ has the largest forest cover in term of its area.

- (a) Assam
- (b) Jammu and Kashmir
- (c) Madhya Pradesh
- (d) Arunachal Pradesh

Q16. $9876 + 34.567 - ? = 9908.221$

- (a) 23.45
- (b) 234.6
- (c) 2.345
- (d) 2.346

Q17. A's share is 2 times that of B whose share is 3 times that of C. Rs. 1800/- is to be given to them in that ratio. B's share is

- (a) Rs. 1080
- (b) Rs. 540
- (c) Rs. 180
- (d) Rs. 900

Q18. Cell phone: Communication :: Cycle : ?

- (a) Walking
- (b) Gym
- (c) Mechanization
- (d) Transportation

Q19. Name the security force which does not fall under Union Home ministry.

- (a) Sashastra Seema Bal
- (b) Border Security Force
- (c) Railway Protection Force
- (d) Indo-Tibetan Border Police Force

Q20. The greenhouse gas which is called laughing gas is

- (a) Methane
- (b) Carbon dioxide
- (c) Nitrous oxide
- (d) Sulphur dioxide

Q21. If $(a+b+c)=6$ and $a^2+b^2+c^2=14$, then $(ab+bc+ca)=?$

- (a) 22
- (b) 11
- (c) 33
- (d) 44

Q22. Which one is called the dwarf planet?

- (a) Venus
- (b) Mercury
- (c) Moon
- (d) Pluto

Q23. Major part of biogas is _____.

- (a) Hydrogen
- (b) Nitrogen
- (c) Methane
- (d) Carbon dioxide

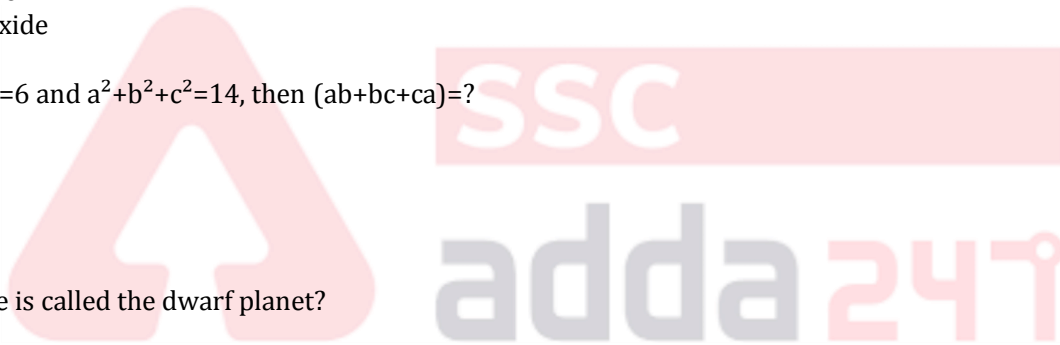
Q24. Mac OS was introduced by

- (a) IBM
- (b) Microsoft
- (c) Apple
- (d) Micromax

Q25. Find the missing (?) in the series.

BDACE, GIFHJ, ?, QSPRT.....

- (a) LMKNO
- (b) NLKOM
- (c) LNKMO
- (d) KLNOM



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65 TOTAL TESTS

Q26. Find the least number required to be added to 3105 so that it is exactly divisible by 3, 4, 5 and 6.

- (a) 30
- (b) 20
- (c) 15
- (d) 25

Q27. Two vessels of equal volume contain milk and water in the ratio 1:3 and 2:1. If they are mixed together, what is the new ratio?

- (a) 11:13
- (b) 13:11
- (c) 9:11
- (d) 11:9

Q28. _____ extinguishes fire.

- (a) O_2
- (b) CO_2
- (c) SO_2
- (d) NO_2

Q29. Four pairs of words are given. Find the odd one out.

- (a) Saturn: Planet
- (b) Sun : Star
- (c) Milky Way: Constellation
- (d) Titan : Satellite

Q30. After entering Bangladesh, the main branch of the Ganges is known as

- (a) Hooghly river
- (b) Jamuna river
- (c) Meghna river
- (d) Padma river

Q31. The efficiency of work of P and Q are in the ratio 5:7. What will be the ratio of number of days taken by them to finish the work?

- (a) 7:5
- (b) 3:4
- (c) 4:3
- (d) 5:7

Direction (32-34): Consider the following information and answer questions based on it.

Among 60 students, 12 like only algebra, 13 like only geometry, 10 like only trigonometry, 5 like both algebra and trigonometry, 8 like only physics, 5 like both physics and geometry and the remaining like both algebra and physics.

Q32. The number of students who like physics but not geometry is

- (a) 8
- (b) 13
- (c) 15
- (d) 17

Q33. How many students like more than one subject?

- (a) 5
- (b) 10
- (c) 12
- (d) 17

Q34. The ratio of students who like algebra to those who like geometry is

- (a) 12:13
- (b) 4:3
- (c) 17:18
- (d) 17:13

Q35. Sagar has two daughters, Lata and Asha. Asha's only paternal aunt's son's grandfather is Aniket. How is Sagar related to Aniket's wife?

- (a) Father
- (b) Son
- (c) Grandson
- (d) Grandfather

Q36. If $OWL = 50$ and $N = 14$, then TIME is

- (a) 45
- (b) 47
- (c) 43
- (d) 49

Q37. In a certain code, 'ride' = 3218, 'talk' = 7564, 'dirt' = 4213 and 'like' = 8562. Which digit represents 'a'?

- (a) 9
- (b) 3
- (c) 5
- (d) 7

Q38. Which of the following is not true in relation to the Global Positioning System?

- (a) It is a space-based navigation system.
- (b) It can predict cyclones.
- (c) It can be used to map vehicular traffic.
- (d) It can be used for in-car navigation

Q39. If the posts of the President and Vice-president fall vacant, who will act as the President of India?

- (a) Speaker of Lok Sabha
- (b) Prime Minister of India
- (c) Chief Justice of India
- (d) Union Council of Ministers

Q40. The average of first three out of four numbers is 18. The average of last three numbers is 14. The sum of first and last number is 16. The last number is

- (a) 14
- (b) 2
- (c) 9
- (d) 7

Q41. The difference between the ages of two sisters is 2 years when father's age was 52. Father is elder by 2 years to mother. Elder sister's age is half of mother's age. Find the age of younger sister.

- (a) 27
- (b) 21
- (c) 25
- (d) 23


Q42. The maturity value after three years, of a certain sum at 15% p.a. simple interest, is Rs. 8,700/-. Find the principal amount.

- (a) Rs. 5,000
- (b) Rs. 6,000
- (c) Rs. 5,500
- (d) Rs. 6,500

Q43. If PIXIE is OHXHD then ELEANOR is

- (a) DKDAMNQ
- (b) DDKAMNR
- (c) DKDANMR
- (d) DJDAMNQ

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Q44. The marked prices of big and small note books are Rs. 10 and Rs. 15 respectively. A student bought 5 dozen small and 10 dozen big note books at a total discount of 5%. Find the total discount amount.

- (a) Rs. 100
- (b) Rs. 110
- (c) Rs. 105
- (d) Rs. 130

Q45. An event happening once in 4 years is described as

- (a) Biennial
- (b) Quadrennial
- (c) Triennial
- (d) Perennial

Q46. Read the following data carefully and answer the question based on it.

- (i) 'A+G' means 'A is mother of G'
 - (ii) 'A÷G' means 'A is daughter of G'
 - (iii) 'A-G' means 'A is husband of G'
 - (iv) 'A×G' means 'A is maternal aunt of G'
- If $L + M \times N$ then how is L related to N?

- (a) Aunt
- (b) Mother
- (c) Daughter
- (d) Grandmother

Q47. Find the value of $\frac{[(525+252)^2 - (525-252)^2]}{(525 \times 252)}$.

- (a) 3
- (b) 4
- (c) 5
- (d) 6

Q48. If $2\cos\theta = \sqrt{3}$, $\cos\theta \times \tan\theta = ?$

- (a) 1
- (b) $\sqrt{3}/3$
- (c) $\sqrt{3}/2$
- (d) $1/2$

Q49. A generator converts

- (a) mechanical energy into electrical energy.
- (b) electrical energy into chemical energy.
- (c) thermal energy into electrical energy.
- (d) electrical energy into light energy.

Q50. A man has equal number of five, ten and twenty rupee notes amounting to Rs. 385. Find the total number of notes?

- (a) 39
- (b) 33
- (c) 45
- (d) 20

Q51. Which key combination is used for pasting text in MS Word?

- (a) Ctrl + v
- (b) ctrl + z
- (c) Alt + r
- (d) Alt + F4

Q52. Find the median of the data set: 1.9, 8.4, 3.6, 5.8

- (a) 5.1
- (b) 4.7
- (c) 5.2
- (d) 5.6



Q53. In the following equation, if the mathematical operators ‘-’ and ‘×’ are interchanged then the value of $4-6+1\times 15\div 3$ will be

- (a) 24
- (b) 20
- (c) -5
- (d) -4

Q54. Which one is not a network protocol?

- (a) SSH
- (b) HTML
- (c) PPP
- (d) POP

Q55. The mean of first 11 natural numbers is

- (a) 5.5
- (b) 6
- (c) 6.6
- (d) 5

Q56. National Air Quality Index is determined on the basis of concentration of ____pollutants.

- (a) 5
- (b) 6
- (c) 7
- (d) 8

Q57. Starting from her house a woman walks 15 km towards South. She turns right and walks 35 km. Again she turns right and walks 15 km. Then she turns left and walks 5 km. How far is her house now?

- (a) 35
- (b) 40
- (c) 50
- (d) 15

Q58. Motion of a spinning ‘top’ is an example of

- (a) centripetal Force
- (b) Centrifugal Force
- (c) Gravitational Force
- (d) Frictional Force

Q59. Read the given statements carefully and answer the question.

Statements:

1. All teachers get angry.
2. Some teachers are sad.
3. Sad people may cry.

Which of the following conclusion is true?

- (a) All sad people cry.
- (b) Some teachers may cry.
- (c) All angry people are teachers.
- (d) All sad people get angry.

Q60. If the mathematical operator ‘×’ means A, ‘+’ means R, ‘÷’ means E and ‘-’ means B, then the value of $24 B 6 E 2 A 9 R 17$ is

- (a) 14
- (b) -3
- (c) 17
- (d) -10

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Q61. Which one is anti-virus?

- (a) CodeRed
- (b) Melissa
- (c) CryptoLocker
- (d) Dr. Web

Q62. PM inaugurated the XII South Asian Games on 5th February 2016 at

- (a) Lucknow
- (b) Guwahati
- (c) Kolkata
- (d) Ahmadabad

Q63. Name the chess champion against whom Viswanathan Anand lost in 2014 World Chess Championship.

- (a) Vladimir Kramnik
- (b) Veselin Topalov
- (c) Boris Gelfand
- (d) Magnus Carlsen

Q64. Which one is different from the other three?

- (a) Spinach
- (b) Lentil
- (c) Coriander
- (d) Lettuce

Q65. Expand $(a-4)^3$

- (a) $a^3-12a^2+48a+64$
- (b) $a^3-48a^2+12a-64$
- (c) $a^3+12a^2-48a-64$
- (d) $a^3-12a^2+48a-64$

Q66. B does 50% of a work in 20 days. C joins B and they together finish the remaining work in 4 days. C alone can do the whole work in ____ days.

- (a) 10
- (b) 8
- (c) 12
- (d) 9

Q67. Losoong festival is popular in

- (a) Himachal Pradesh
- (b) Sikkim
- (c) Arunachal Pradesh
- (d) Tripura

Q68. The most popular folk dance of Tamil Nadu

- (a) Karagam
- (b) Koodiyattam
- (c) Yakshagana
- (d) Kathakali

Q69. The loss in selling an article for Rs. 1235 was 5%. At what price should it be sold to get a profit of 10%?

- (a) Rs. 1,335.
- (b) Rs. 1,380
- (c) Rs. 1,430
- (d) Rs. 1,300

Q70. If $22x - 40 = 207 + 3x$, then $x = ?$

- (a) 14
- (b) 13
- (c) 12
- (d) 11

Q71. The ratio of two numbers is 4:3 and their HCF is 8. Find their LCM.

- (a) 48
- (b) 96
- (c) 64
- (d) 84

Q72. The technique used for printing 'RESERVE BANK OF INDIA' appearing on the face of the Indian currency notes is

- (a) Intaglio printing
- (b) Micro lettering
- (c) Latent printing
- (d) Screen printing

Q73. The aim of the Civil Disobedience Movement of 1929 was

- (a) complete disobedience of the orders of the British Government.
- (b) to protest the Chauri Chaura incident.
- (c) partial disobedience of the orders of the British Government.
- (d) to ensure all civil rights of the citizens are granted by the Government.

Q74. The British Government agreed to grant independence to India in

- (a) 1944
- (b) 1945
- (c) 1946
- (d) 1947

Q75. Y is R's mother's mother-in-law's only daughter and Q's wife. How is Q related to R?

- (a) Paternal Uncle
- (b) Nephew
- (c) Husband
- (d) Father

Q76. Find the similarity in the following:

Ginger, Turnip, Carrot, Radish

- (a) All are red in colour.
- (b) All are round in shape.
- (c) All of them grow above the soil.
- (d) All are roots.

Q77. Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

- (a) SUVNE
- (b) APTLE
- (c) ARMS
- (d) RUJTIPE

Q78. The surface-to-air, Akash missile, was test fired from

- (a) Sriharikota
- (b) Abdul Kalam Island
- (c) Thumba
- (d) Pokhran

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Q79. An article was sold at Rs. 920 at a profit of 15%. Find the selling price to get a profit of 20%.

- (a) Rs. 1,000
- (b) Rs. 980
- (c) Rs. 960
- (d) Rs. 940

Q80. Yeast used in making bread

- (a) acts as a catalyst for fermentation.
- (b) does not help the process of fermentation.
- (c) makes it tasty.
- (d) acts as a preservative.

Q81. The area of a triangle is 456 sq. cm and its height is 24 cm. The length of its base is

- (a) 32
- (b) 36
- (c) 34
- (d) 38

Q82. Louis Pasteur was known for discovery of

- (a) Polio vaccine
- (b) Chicken pox vaccine
- (c) Small pox vaccine
- (d) Rabies vaccine

Q83. Find the missing (?) in the series:

1, 1, 8, 4, 27, 9, ?, 16.....

- (a) 32
- (b) 48
- (c) 64
- (d) 72

Direction (84-86): Consider the following information and answer questions based on it.

Seven students J, K, L, M, N, O and P are standing in a row, in random order, from left to right, such that-

1. P, O, K and N do not stand on any of the extreme ends.
2. J is to the immediate left of P and immediate right of O.
3. M is not at the center.
4. K is to the immediate right of N and immediate left of L.

Q84. The student standing to the immediate left of O is

- (a) L
- (b) J
- (c) M
- (d) P

Q85. Who is at the center of the row?

- (a) N
- (b) J
- (c) P
- (d) K

Q86. Who stands fifth from the left of the row?

- (a) K
- (b) P
- (c) N
- (d) J

Q87. What is the difference between the maturity value of two deposits of Rs., 5,000 each invest for 2 years (i) at 5% simple interest and (ii) at the same interest compounded annually?

- (a) Rs. 11.00
- (b) Rs. 11.50
- (c) Rs. 12.00
- (d) Rs. 12.50

Q88. The area of a trapezium is 18 sq. cm. Its height and base are 3 cm and 5 cm respectively. Find the length of the side parallel to the base.

- (a) 4 cm
- (b) 6 cm
- (c) 8 cm
- (d) 7 cm

Q89. There are _____ zones in Indian Railways.

- (a) 8
- (b) 18
- (c) 16
- (d) 12

Direction (90-92); The following table represents the category wise count of books in four local libraries.

Category	ABL	GHL	MNL	PQL
Self-help	150	170	200	200
Nonfiction	500	600	550	600
Fiction	750	610	700	600
Management	100	130	100	110
Comics	175	100	100	75
Technical	115	100	150	200

Consider the table and answer questions based on it.

Q90. The self-help books in library GHL is how much less than its fictional books?

- (a) 340
- (b) 430
- (c) 440
- (d) 330

Q91. Which library has the highest total count of books?

- (a) ABL
- (b) GHL
- (c) MNL
- (d) PQL

Q92. The difference between the total number of nonfiction and management books of all four libraries is

- (a) 1850
- (b) 1810
- (c) 2250
- (d) 1800

Q93. Evaluate: $(\sin \theta / \cos \theta) \times (\cot \theta / \operatorname{cosec} \theta)$

- (a) $\cos \theta$
- (b) $\sin \theta$
- (c) $\tan \theta$
- (d) $\sec \theta$

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Q94. A statement followed by some conclusions are given below.

Statement: Unlike Aryabhata, moon is a natural satellite of the Earth.

Conclusions:

I. Aryabhata is not a satellite.

II. Moon is star and Aryabhata is a satellite.

Find which of the given conclusions logically follow from the given statement.

(a) Only conclusion I follows.

(b) Only conclusion II follows.

(c) Both I and II follow.

(d) Neither I nor II follows.

Q95. The recently approved, LIGO-India project, is related to

(a) Research on use of solar energy

(b) Research on laser technologies

(c) Research on gravitational waves

(d) Research on relocation of lions

Q96. Statements followed by some conclusions are given below.

Statements:

1. Medical profession has become the most unethical.

2. People are afraid of falling sick

Conclusions:

I. Medical is the only unethical profession.

II. Unethical people fall sick.

Find which of the given conclusions logically follow from the given statements.

(a) Only conclusion I follows.

(b) Only conclusion II follows.

(c) Both I and II follow.

(d) Neither I nor II follows.

Q97. Name of the 8th UN Secretary General is

(a) B. Ghali

(b) Kofi A. Annan

(c) Ban Ki-moon

(d) Dr. Jim Yong Kim

Q98. K walked at 3 kmph for a certain distance with L. and thereafter at 6 kmph with M to cover a total distance of 27 km in 7 hours. Find the distance travelled with M.

(a) 15 km

(b) 12 km

(c) 10 km

(d) 9 km

Q99. Who is considered to be the 'father of modern genetics'?

(a) Charles Darwin

(b) Gregor Mendel

(c) Alexander Fleming

(d) Otto Hahn

Q100. Name the country whose currency is not called 'Rupee'.

(a) Nepal

(b) Pakistan

(c) Sri Lanka

(d) Myanmar