

1. The Headquarters of North Western Railway is in :

- (1) Jaipur
- (2) Hajipur
- (3) Allahabad
- (4) Hubli

2. INSAT-1A was launched in the year:

- (1) 1975 (2) 1965
- (3) 1982 (4) 2002

3. Which of the following statement/s is/are correct about convection ?

- (1) The act or process of conveying; transmission
- (2) Heat transfer in a gas or liquid by the circulation of currents from one region to another
- (3) The transfer of heat or other atmospheric properties by massive motion within the atmosphere; especially by such motion directed upward

- (4) All the above

4. How does the Sun gets its energy ?

- (1) From gravitational pressure
- (2) From nuclear fission
- (3) From nuclear fusion
- (4) From electromagnetic currents

5. Which of the following is called "Blue Planet"?

- (1) Saturn (2) Earth
- (3) Jupiter (4) Mars

6. What is the correct sequence of the following layers of the Earth as one moves from the surface to the interior ?

1. Mantle 2. Crust 3. Core

- (1) 1, 2, 3 (2) 1, 3, 2
- (3) 2, 1, 3 (4) 3, 1, 2

7. Which one of the following is the smallest country in the world ?

- (1) Monaco
- (2) Vatican City
- (3) Nauru
- (4) San Marino

8. The World's longest river is :

- (1) Nile
- (2) Ganges
- (3) Amazon
- (4) Mississippi - Missouri

9. Who was the first woman president of Indian National Congress ?

- (1) Sarojini Naidu
- (2) Sucheta Kripalani
- (3) Raj Kumari Amrit Kaur
- (4) Annie Besant

10. The Ghadar Movement was founded by :

- (1) Ajit Singh
- (2) Lala Hansraj
- (3) Lala Hardayal
- (4) Sohan Singh Bhakhna

11. Where was the first Peasant Movement launched by Mahatma Gandhi ?

- (1) Bardoli
- (2) Dandi
- (3) Champaran
- (4) Wardha

12. Lothal is a site where dockyard of which of the following civilization was found :

- (1) Indus Valley
- (2) Mesopotamian
- (3) Egyptian
- (4) Persian

13. The local meaning of Mohenjodaro is :

- (1) Mound of the Living
- (2) Mound of the Great
- (3) Mound of the Dead
- (4) Mound of the Survivor

14. Buddha's preachings were mainly related to :

- (1) Belief in one God
- (2) Practice of rituals
- (3) Purity of thought and conduct
- (4) Idol worship and non-violence

15. The system of Dagh (the branding of horses) and Chahra (descriptive roll of soldiers) was introduced by :

- (1) Jalaluddin Khilji
- (2) Akbar
- (3) Ibrahim Lodhi
- (4) Alauddin Khilji

16. In Mauryan administration, the official called "Sannidhata" was :

- (1) The Collector General of Revenue
- (2) Chief Treasury Officer
- (3) Chief Justice
- (4) Supervisor Agriculture

17. 'Sunga Dynasty' was founded by:

- (1) Ashoka (2) Sungmitra
- (3) Vasumitra (4) Pushymitra

18. The great Bhakti Saint 'Kabir' was a disciple of:

- (1) Ramananda
- (2) Ramanuja
- (3) Chaitanya
- (4) None of these

19. In Shivaji's administration, the lowest territorial unit 'village' was headed by:

- (1) Sarpanch (2) Mukhia
- (3) Pradhan (4) Patel

20. Who was the founder of "Harijan Sewak Sangh"?

- (1) Jyotiba Phule
- (2) B.R. Ambedkar
- (3) Mahatma Gandhi
- (4) V.R. Shinde

21. The world wide web (www) was invented by :

- (1) Bill Gates
- (2) Lee N. Feyong
- (3) N.Ressel
- (4) Tim Berners-Lee

22. Deleted data of a computer remains on a disk until:

- (1) The data is overwritten
- (2) The recycle bin is emptied
- (3) A file compression utility is used
- (4) The disk is scanned

23. The blinking bar on the monitor of a computer which shows your position in the text is called :

- (1) Blinker
- (2) Cursor
- (3) Casuer
- (4) Pointer

24. Consider two bodies of masses m_1 and m_2 are placed at a distance r . The force of gravitational attraction between them will be :

- (1) $G \frac{m_1 m_2}{r^2}$
- (2) $G \frac{m_1 m_2}{r}$
- (3) $\frac{G r^2}{m_1 m_2}$
- (4) $G m_1 m_2 r$

25. Who is the discoverer of X-Ray ?

- (1) Marie Curie
- (2) T.A. Edison
- (3) W. Rontgen
- (4) Newton

26. The mass of proton is :

- (1) 1.672×10^{-27} kg
- (2) 9.108×10^{-31} kg
- (3) -1.6×10^{-19} C
- (4) 1.672 gm

27. The change of a solid into vapour directly, is called :

- (1) Vapourization
- (2) Freezing
- (3) Solidification
- (4) Sublimation

28. Which one of the following is an example of organic compound

- (1) Common Salt

(2) Proteins

- (3) Marble
- (4) Washing Soda

29. A radioactive substance emits:

- (1) Alpha particles
- (2) Beta particles
- (3) Gamma particles
- (4) All of these

30. Which one of the following allotropes of carbon is used in cutting and drilling :

- (1) Diamond
- (2) Graphite
- (3) Activated charcoal
- (4) Carbon black

31. Which is the largest and heaviest mammal ?

- (1) African elephant
- (2) Rhinoceros
- (3) Blue whale
- (4) Hippopotamus

32. A condition in which the concentration of glucose in blood is very low, is called:

- (1) Diabetes
- (2) Typhoid
- (3) Malaria
- (4) Hypoglycemia

33. Filaria disease is caused by :

- (1) Worm
- (2) Bacteria
- (3) Virus
- (4) None of these

34. The chemical name of Vitamin-A is :

- (1) Thymine
- (2) Retinol
- (3) Niacin
- (4) Riboflavin

35. Human urine is :

- (1) Basic
- (2) Neutral
- (3) Acidic
- (4) None of these

36. The Parliament of India consists of:

- (1) The Lok Sabha, The Rajya Sabha and State Assemblies
- (2) The Lok Sabha and The Rajya Sabha

(3) The Lok Sabha, The Rajya Sabha and the President of India

(4) The Lok Sabha, The Rajya Sabha and The Supreme Court of India

37. Who was the President of India before Smt. Pratibha Patil ?

- (1) Shri Pranab Mukherjee
- (2) Shri K.R. Narayanan
- (3) Shri R. Venkataraman
- (4) Dr. A.P.J. Abdul Kalam

38. Article 14 of our Constitution is related with :

- (1) Equality before the Law
- (2) Freedom of Religion
- (3) Equality of opportunity in public employment
- (4) Cultural and Educational Rights

39. Which of the following is not a writ ?

- (1) Reprimand
- (2) Habeas Corpus
- (3) Prohibition
- (4) Quo Warranto

40. The words 'Socialist', 'Secular' and 'Integrity' were incorporated in the Preamble of our Constitution by which of the following Constitutional Amendments ?

- (1) 43rd Amendment
- (2) 42nd Amendment
- (3) 52nd Amendment
- (4) 56th Amendment

41. As per 2011 Census, which of the following is the approximate population of India :

- (1) 121 crore
- (2) 140 crore
- (3) 108 crore
- (4) 88 crore

42. Which of the following is not correctly matched ?

- (1) Ravi Shankar - Sitarist
- (2) M.F. Hussain - Tabla
- (3) R. K. Narayan - Novelist
- (4) Kaifi Azmi - Poet

43. Michael Jackson was a distinguished personality in which of the following fields ?

- (1) Journalism (2) Acting
 (3) Pop music (4) Sports
44. The 'Blue Revolution' is related with :
 (1) Fish production
 (2) Food grain production
 (3) Oilseed production
 (4) Milk production
45. Shri Mallikarjun Kharge has been inducted in the Union Council of Ministers in June 2013 as:
 (1) Minister of Labour and Employment
 (2) Home Minister
 (3) Health Minister
 (4) Railway Minister
46. Which of the following won in the final of the sixth edition of the Indian Premier League (IPL) in May 2013 ?
 (1) Rajasthan Royals
 (2) Kolkata Knight Riders
 (3) Chennai Super Kings
 (4) Mumbai Indians
47. Nawaz Sharif took the oath to the office of the Prime Minister of Pakistan in June 2013. It is his :
 (1) 2nd term as Prime Minister
 (2) 4th term as Prime Minister
 (3) 3rd term as Prime Minister
 (4) 1st term as Prime Minister
48. Eden Gardens Stadium is situated in :
 (1) New Delhi (2) Mumbai
 (3) Kolkata (4) Kanpur
49. Aga Khan Cup is associated with which of the following games ?
 (1) Hockey (2) Cricket
 (3) Badminton
 (4) Basketball
50. 'Knock down' is associated with which of the following games ?
 (1) Shooting (2) Cricket
 (3) Boxing (4) Golf

51. Find the odd one that does not belong to the group :
 (1) Swimming (2) Diving
 (3) Driving (4) Boating
52. Find the odd one that does not belong to the group :
 (1) Gallon (2) Ton
 (3) Quintal (4) Kilogram
53. Find the odd one that does not belong to the group :
 (1) Whale (2) Shark
 (3) Dolphin (4) Mackerel
54. Find the odd one that does not belong to the group :
 (1) Radium (2) Thorium
 (3) Proton (4) Uranium
55. Find the odd one that does not belong to the group :
 (1) Leaf (2) Stem
 (3) Root (4) Garden
56. Some groups of letters are given below, all of which share a common feature except one. Choose the odd one out.
 (1) DEB (2) HIF
 (3) NOL (4) RTP
57. Some groups of letters are given below, all of which share a common feature except one. Choose the odd one out.
 (1) HJN (2) JLP
 (3) PRU (4) QSW
58. Find out the odd pair:
 (1) Captain - Team
 (2) Boss - Gang
 (3) Prime Minister - Cabinet
 (4) Artist - Troupe
59. Find out the odd pair:
 (1) Ice Cube : Cold
 (2) Iron : Hard
 (3) Purse : Money
 (4) Marble Smooth
60. Find out the odd pair :
 (1) Water : Thirst
 (2) Talent : Education
 (3) Food : Hunger
 (4) Air : Suffocation
61. Which of the following words cannot be formed by using the letters of the word "EDUCATIONAL."

- (1) NATIONAL (2) NEAT
 (3) DEAN (4) LION
62. If the following scrambled letters are arranged to form the name of a fruit, which letter will appear in the middle ?
PALEPPINE
 (1) L (2) A
 (3) I (4) P
63. How many meaningful English word(s) can be formed with the letters 'AER,' using each letter only once in each word.
 (1) None (2) One
 (3) Two (4) Three
64. A person starts from a point A and travels 3 km eastwards to B and then turns left and travels thrice that distance to reach C. He again turns left and travels five times the distance he covered between A and B and reaches his destination D. The shortest distance between the starting point and the destination is :
 (1) 12 km (2) 15 km
 (3) 16 Km (4) 18 km
65. Shyam goes 5 km in the North from his school. Now, turning to the left, he goes to 10 km and again turns to left and goes to 5 km. How far he is from his school and in which direction?
 (1) 10 km. South from school
 (2) 10 km. North from school
 (3) 10 km. West from school
 (4) 10 km. East from school
66. Pointing towards a person, a man said to a woman, "His mother is the only daughter of your Father". How is the woman related to that person?
 (1) Daughter (2) Sister
 (3) Mother (4) Wife
67. Fatima while introducing Mustafa to her husband said, "His brother's father is the only son of my grandfather". How is Fatima related to Mustafa?

- (1) Aunt
- (2) Sister
- (3) Niece
- (4) Mother

68. A watch shows 1:30 pm. If the minute hand is towards South, what is the direction of hour hand ?

- (1) North
- (2) South - East
- (3) North - West
- (4) North - East

69. February month has :

- (1) 28 or 29 days
- (2) 29 or 30 days
- (3) 30 days
- (4) 31 days

70. A Leap year has :

- (1) 52 weeks and 3 day
- (2) 365 days
- (3) 52 weeks and 2 days
- (4) 364 days

71. If 'APE' is written '369', then how would 'PEA' be written in the code language?

- (1) 369 (2) 693
- (3) 936 (4) 963

72. Choose the best alternative :
3 : 27 :: 4 : ?

- (1) 16 (2) 64
- (3) 32 (4) 28

73. Which number is missing in the given series ?

1, 9, 25, 49, ?, 121

- (1) 64 (2) 81
- (3) 91 (4) 100

74. Find the missing number in the series ?

1, 6, 13, 22, 33, ?

- (1) 44 (2) 45
- (3) 47 (4) 46

75. Find the missing number in the series ?

4, 10, 22, ?, 94

- (1) 46 (2) 40
- (3) 56 (4) 66

76. What is the sum of all the three angles in a triangle ?

- (1) 90° (2) 360°
- (3) 160° (4) 180°

77. The place value of 7 in the numeral 634721 is :

- (1) 7 (2) 721
- (3) 700 (4) 7000

78. $186 \times 186 + 136 \times 136 - 2 \times 186 \times 136 = ?$

- (1) 2500
- (2) 6696
- (3) 3536
- (4) None of these

79. $\frac{(946 + 157)^2 + (946 - 157)^2}{(946 \times 946 + 157 \times 157)} = ?$

- (1) 1 (2) 2
- (3) 789 (4) 1103

80. If three-fifth of 60% of a number is 36, the number is :

- (1) 100
- (2) 80
- (3) 75
- (4) None of these

81. By how much is $\frac{3}{4}$ th of 52

lesser than $\frac{2}{3}$ rd of 99 ?

- (1) 27
- (2) 33
- (3) 39
- (4) None of these

82. The L.C.M. of 24, 36 and 40 is :

- (1) 120 (2) 240
- (3) 360 (4) 480

83. $1027.05 - 314.005 + 112.25 = ?$

- (1) 825.095 (2) 825.295
- (3) 825.305 (4) 825.395

84. If $\frac{x}{y} = \frac{1}{3}$ then $\frac{x^2 + y^2}{x^2 - y^2} = ?$

- (1) $-\frac{10}{9}$ (2) $\frac{5}{4}$

- (3) $-\frac{5}{4}$ (4) $-\frac{5}{3}$

85. How many digits are required for numbering the pages of a book having 300 pages ?

- (1) 299 (2) 492
- (3) 789 (4) 792

86. $\sqrt{0.00004761} = ?$

- (1) 0.00069 (2) 0.0069
- (3) 0.0609 (4) 0.069

87. If 3 is added to the denominator of a fraction, it becomes

$\frac{1}{3}$ and if 4 is added to it's nu-

merator, it becomes $\frac{3}{4}$. The fraction is :

- (1) $\frac{4}{9}$ (2) $\frac{3}{20}$

- (3) $\frac{7}{24}$ (4) $\frac{5}{12}$

88. Of the three numbers, the sum of first two is 45, the sum of the second and the third is 55 and the sum of the third and thrice the first is 90. The third number is :

- (1) 30 (2) 25
- (3) 20 (4) 35

89. "A man is 30 times older than his son. 18 years later, he will be only thrice as old as his son. What is the man's present age?"

- (1) 30 years (2) 42 years
- (3) 45 years (4) 40 years

90. If $x = y^a$, $y = z^b$ and $z = x^c$, then $abc = ?$

- (1) 4 (2) 3
- (3) 2 (4) 1

91. A dishonest dealer claims to sell his goods at the cost price but uses a false weight of 900 gm for 1 kg. What is his gain percent ?

- (1) 10% (2) $11\frac{1}{9}\%$

- (3) 1.1.25% (4) $12\frac{1}{9}\%$

92. A student who secures 20% marks in a test fails by 30 marks. Another student who secures 32% marks gets 42 marks more than those required to pass. Pass percentage of marks is :

- (1) 25%
- (2) 28%
- (3) 30%
- (4) 33%

93. A man spends Rs. 3500 per month and saves $12\frac{1}{2}\%$ of his income. His monthly income is:

- (1) Rs. 4400
- (2) Rs. 4270
- (3) Rs. 4000
- (4) Rs. 3937.50

94. In a mixture of 60 litres, the ratio of milk and water is 2 : 1. If this ratio is to be 1 : 2, the quantity of water to be further added is :

- (1) 20 litres
- (2) 30 litres
- (3) 40 litres
- (4) 60 litres

95. Two pipes can fill a tank in 20 minutes and 30 minutes respectively. If both the pipes are opened simultaneously, then the tank will be filled up in :

- (1) 10 minutes
- (2) 12 minutes
- (3) 15 minutes
- (4) 25 minutes

96. A train is moving with a speed of 180 km/hr. Its speed in m/sec is :

- (1) 5 m/sec.
- (2) 30 m/sec.
- (3) 40 m/sec.
- (4) 50 m/sec.

97. A student walks from his house at the speed of $2\frac{1}{2}$ km/hr and reaches his school late by 6 minutes. Next day, he increases his speed by 1 km/hr and reaches 6 minutes before the school time. How far is the school from his house ?

- (1) $\frac{5}{4}$ km
- (2) $\frac{7}{4}$ km
- (3) $\frac{9}{4}$ km
- (4) $\frac{11}{4}$ km

98. If the simple interest for 6 years be equal to 30% of the principal, it will be equal to the principal after:

- (1) 10 years
- (2) 20 years
- (3) 22 years
- (4) 30 years

99. The length of a rectangular plot is $4\frac{1}{2}$ times its breadth.

If the area of the plot is 200 sqm, then what is its length ?

- (1) 25 m
- (2) 20 m
- (3) 62 m
- (4) 30 m

100. The perimeter of a rectangle is 60 m. If its length is twice its breadth, then its area is:

- (1) 160 m²
- (2) 180 m²
- (3) 20 m²
- (4) 100 m²