

1. If white is called blue is called red, red is called yellow, yellow is called green, green is called black, black is called violet and violet is called orange, what would be the colour of human blood?

- (1) Red (2) Green
(3) Yellow (4) Violet

2. If room is called bed, bed is called window, window is called flower and flower is called cooler, so what would a man sleep?

- (1) Window (2) Bed
(3) Flower (4) Cooler

3. In a certain code, 'see him see' means 'how are you'; 'his see see' means 'where are you', what is the code for 'where'?

- (1) see (2) him
(3) no (4) None of these

4. Arrange the given words in alphabetical order and choose the one that comes first in a dictionary.

- (1) Rubber (2) Rocket
(3) Random (4) Resist

Directions (5-8) : Find the odd one that does not belong to the group.

5. (1) Silver (2) Platinum
(3) Arsenic (4) Antimony

6. (1) Carpenter (2) Goldsmith
(3) Blacksmith (4) Drifter

Directions (7-8) : Read the following information carefully and answer the questions given below it.

The sum of the income of A and B is more than that of C and D taken together. The sum of the income of A and C is the same as that of B and D taken together. Moreover, A earns half as much as the sum of the income of B and D.

7. Whose income is the highest?
(1) A (2) B
(3) C (4) D

8. Which of the following statements is not correct?

- (1) A earns more than B.
(2) B earns more than D.
(3) C earns more than D.
(4) B earns more than C.

9. If A's income be ₹ 80,000 per annum and the difference of B and D be the same as A's income, His income is

- (1) ₹ 40,000 (2) ₹ 90,000
(3) ₹ 80,000 (4) ₹ 1,20,000

10. Golf is related to Holes in the same way as Baseball is related to

- (1) innings (2) Goal
(3) Points (4) Serve

11. Demographer is related to People in the same way as Philatelist is related to

- (1) Postals
(2) Stamps
(3) Photography
(4) Music

12. A man walks 30 metres towards South. Then turning to his right, he walks 30 metres. Then turning to his left, he walks 30 metres. Again he turns to his left and walks 30 metres. How far is he from his initial position?

- (1) 30 metres (2) 20 metres
(3) 60 metres (4) None of these

13. Nishi walked 25 metres towards South. Then he turned to his left and walked 30 metres. He then turned to his left and walked 25 metres. He again turned to his right and walked 15 metres. At what distance is he from the starting point and in which direction?

- (1) 35 m East
(2) 35 m North
(3) 40 m East
(4) 30 m East

			8	9	25
14.	48	24	64	81	21
	25		16		7
					144

- (1) 18 (2) 23
(3) 22 (4) 31

18. Statements :
Some fools are intelligent.
Some intelligent are great.

Conclusions :

- I. Some fools are great.
II. All great are intelligent.
(1) Only Conclusion I follows.
(2) Only Conclusion II follows.
(3) Either I or II follows.
(4) Neither I nor II follows.

19. Statements :
Some papers are files.
Some files are pens.

Conclusions :

- I. Some files are not pens.
II. Some pens are papers.
(1) Only Conclusion I follows.
(2) Only Conclusion II follows.
(3) Either I or II follows.
(4) Neither I nor II follows.

20. Pointing to a person in a photograph, Ramon said "She is the only daughter of the mother of my brother's sister. How is that person related to Ramon ?

- (1) Uncle (2) Father
(3) Mother (4) Sister

21. Pointing a man, Deepak said "His only brother is the father of my daughter's father." How is that man related to Deepak ?

- (1) Father
(2) Grandfather
(3) Brother-in-law
(4) Uncle

Directions (19-24) : Find the missing numbers.

19. 8, 9, 11, 14, 20, ?
(1) 60 (2) 39
(3) 29 (4) 31

20. 1, 2, 3, 28, 65, 121

- (1) 121 (2) 195
(3) 128 (4) 202

21.

E	K	G
C	Q	D
H	J	?

- (1) T (2) P
(3) N (4) L

22. What was the day on 31st

October, 1994 ?

- (1) Friday
(2) Sunday
(3) Wednesday
(4) Monday

23. What was the day on 14th
March, 1995 ?

- (1) Friday (2) Thursday
(3) Sunday (4) Saturday

Directions (24-28) : Choose
the missing terms out of the given
alternatives.

24. A, X, B, Y, C, X, ... , Z

- (1) E, V (2) W, D
(3) D, W (4) Y, V

25. A, P, Q, Q, R, R, Q, T, ... , Z

- (1) S, I (2) M, I
(3) L, S (4) T, J

26. Find out the odd one:

- (1) togh (2) kohn
(3) jdm (4) piqr

27. A school always has ...

- (1) Principal (2) Building
(3) Teachers (4) Classes

28. A camera always has ...

- (1) lens (2) flash
(3) rods (4) photograph

29. If $+ \rightarrow \times$, $- \rightarrow +$, $\times \rightarrow -$ and $\div \rightarrow =$, then answer the following
question :

$$9 + 5 + 4 - 3 \times 2 = ?$$

- (1) 2 (2) -9
(3) -3 (4) $-\frac{19}{2}$

30. In a certain code 'SOCIAL' is
written as 'TQFMFE', then
how you will code 'COMPLE' ?

- (1) EKPTQK (2) EKPNJU
(3) EKPSLU (4) EKPSOH

31. If 'CARPET' is coded as
'TCEAPE', then code for
'NATIONAL' would be

(1) NLATNOA

(2) LANOTAN

(3) LNAANTOC

(4) LNOONTAA

32. In a class, the number of boys
and girls is in the ratio of 4 : 5.
If 10 more boys join in the
class, the ratio becomes 5 : 6.
How many girls are there in
the class ?

- (1) 50 (2) 30
(3) 25 (4) 20

33. The sum of the interior angles
of a regular pentagon is

- (1) 360° (2) 540°
(3) 720° (4) 900°

34. Three cubes of sides 1 cm, 6 cm,
8 cm are melted to form a new
cube. Find half of the surface
area of the new cube.

- (1) 240 sq. cm.
(2) 480 sq. cm.
(3) 495 sq. cm.
(4) 295 sq. cm.

35. The diameter of the base of a
right circular cylinder is 14 cm
while its length is 40 cm. Find
the total surface area of the
cylinder.

- (1) 2800 sq. cm.
(2) 1825 sq. cm.
(3) 1820 sq. cm.
(4) 2380 sq. cm.

36. what is the diameter of the
largest circle lying on the
surface of a sphere of surface
area 616 sq. cm. ?

- (1) 14 cm (2) 16.8 cm
(3) 7 cm (4) 3.5 cm

37. The best conductor of electricity
is

- (1) filtered hot water
(2) distilled water
(3) filtered water at room
temperature
(4) salt water

38. Brass is an alloy of

- (1) Nickel and Copper
(2) Zinc and Copper
(3) Nickel and Zinc
(4) Nickel and Silver

39. Pterygia gland is present

- (1) below the brain

(2) above the brain

(3) inside the brain

(4) nowhere near the brain

40. Life of HBC in human blood is
of

- (1) 30 days (2) 60 days
(3) 120 days (4) 90 hours

41. Delhi became the established
capital of Mughal Kings during
the reign of

- (1) Sher Shah Suri
(2) Jahangir
(3) Shahjahan
(4) Akbar

42. Saka era was founded by

- (1) Ashoka
(2) Harsha
(3) Kanishka
(4) Vikramaditya

43. Which of the following has
been called man's most useful
tree ?

- (1) Neem (2) Walnut
(3) Teak (4) Coconut

44. Nitrogen in trees is present in
the form of

- (1) ammonium
(2) nitrate
(3) nitrite
(4) amide

45. If there is no sun, the colour of
the sky would be

- (1) orange (2) blue
(3) yellow (4) black

46. The Tropic of Cancer does not
pass through

- (1) Egypt (2) Mexico
(3) China (4) Yemen

47. The earth revolves around the
sun at the speed (per minute) of

- (1) 1000 km
(2) 1200 km
(3) 1400 km
(4) more than 1600 km

48. The capital of Switzerland is

- (1) Bern (2) Disale
(3) Moscow (4) Maserat

49. Which of the following
countries is known as the
'Sugar Bowl of the World' ?

- (1) India (2) Cuba
(3) Brazil (4) U.S.A.

13. In India how many States share the coastline ?

- (1) 7 (2) 8
(3) 9 (4) 10

51. The biggest lake in India is

- (1) Dal Lake
(2) Chilka Lake
(3) Wular Lake
(4) Sambhar Lake

52. Which time of the day is generally the hottest all over India ?

- (1) 12 pm (2) 1 pm
(3) 2 pm (4) 3 pm

53. The first month of 'rains era' is

- (1) Vaishakha
(2) Purnvama
(3) Chaitra
(4) Shadon

54. To be a member of Lok Sabha a person has to be

- (1) 27 years (2) 28 years
(3) 25 years (4) 21 years

55. The age of retirement of the judges of the High Court is

- (1) 62 years (2) 65 years
(3) 68 years (4) 60 years

56. Who among the following is known as 'Nightingale of India'?

- (1) Late Mangeshkar
(2) Asha Bhonsale
(3) Usha Lakshmi Pandit
(4) Sarojini Naidu

57. Bismillah Khan is associated with

- (1) Tabla (2) Sitar
(3) Flute (4) Shehnai

58. Kalings Award is given to

- (1) Art (2) Science
(3) Literature (4) Sports

59. Brighton Cup is associated with

- (1) Cricket (2) Football
(3) Hockey (4) Volleyball

60. How many players are there in a water polo team ?

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

61. When a constant force is applied to a body, it moves with uniform

- (1) speed
(2) velocity

(3) acceleration

(4) momentum

62. Who has been appointed the leader of Congress Parliamentary Party in 16th Lok Sabha ?

- (1) Amarendra Singh
(2) Madhavaraj Kharge
(3) Rajul Gandhi
(4) Kapil Sibal

63. The largest solar power plant in India till March 2014 is located in

- (1) Gujarat
(2) Rajasthan
(3) Madhya Pradesh
(4) Tamil Nadu

64. 'Mansabdar' was introduced in India by

- (1) Akbar (2) Humayun
(3) Shahjahan (4) Bahar

65. Reading of Barometer going down is an indication of

- (1) storm
(2) snow
(3) rainfall
(4) intense heat

66. The number of ribs in human body is

- (1) 12 (2) 18
(3) 20 (4) 24

67. Find the missing number.

- 4, 12, 48, ..., 329
(1) 75 (2) 108
(3) 65 (4) 168

68. Find the missing number.

- 14, 35, 104, ..., 2120
(1) 421 (2) 453
(3) 372 (4) 840

69. The LCM of $\frac{3}{4}$, $\frac{5}{7}$, $\frac{9}{8}$ is

- (1) 18 (2) 3
(3) $\frac{3}{98}$ (4) $\frac{9}{28}$

70. The largest number that divides 210, 215, 147, 158 exactly is

- (1) 8 (2) 7
(3) 21 (4) 4410

71. Three numbers are in the ratio 3 : 4 : 5 and their LCM is 2400. Their HCF is.

- (1) 40 (2) 80
(3) 120 (4) 200

72. $\frac{250}{\sqrt{5}} = 10$

- (1) 25 (2) 250
(3) 625 (4) 2500

73. The average of 25 results is 18. The average of first 12 of them is 14 and that of last 12 results is 17. Find the 13th result.

- (1) 80 (2) 82
(3) 78 (4) 72

74. If $\sqrt{4^x} = 1624$, then $x = ?$

- (1) 5 (2) 8
(3) 10 (4) 12

75. 60 = 7% of 400

- (1) 4 (2) 12
(3) 18 (4) 20

76. 30% of 7 = 180

- (1) 60 (2) 600
(3) 900 (4) 6000

77. The ratio of cost price and selling price of an article is 50 : 51. What is the profit percent on it ?

- (1) 5 % (2) 5.5 %
(3) 4 % (4) 6.25 %

78. $\frac{4}{5}$ of a number is 64. Half of the number is

- (1) 20 (2) 40
(3) 80 (4) 35

79. Find the mean proportional of the following:

- 36, 63
(1) 52 (2) 54
(3) 58 (4) 60

80. In a race Robin covers 5 km in 20 mins. How much distance will he cover in 100 mins. ?

- (1) 40 km (2) 35 km
(3) 28 km (4) 20 km

81. A and B can do a piece of work in 6 and 12 days respectively. They both will complete the work in how many days ?

- (1) 9 days (2) 18 days
(3) 6 days (4) 4 days

82. An inlet pipe fills $\frac{1}{8}$ part of a tank in 1 hr. How much time will the pipe take to fill the empty tank ?

- (C) 4 hrs. (D) 3 hrs.
(3) 6 hrs. (4) 8 hrs.
83.
$$\frac{(0.73)^2 + (0.27)^2}{(0.73)^2 + (0.27)^2 - (0.73 \times 0.27)}$$

= ?
(1) 1 (2) 0.4683
(3) 0.73 (4) 0.46

84.
$$\frac{\frac{1}{5} + \frac{1}{5} \div \frac{1}{5}}{\frac{1}{5} \div \frac{1}{5} + \frac{1}{5}} = ?$$

(1) 1 (2) 5
(3) $\frac{1}{5}$ (4) 25

85. If $a + b = 2$, $ab = -6$, find the value of $a^2 + b^2$.
(1) 30 (2) 26
(3) 28 (4) 32

86. A car covers 300 km in 15 hrs. Find the speed of the car.
(1) 20 km/hr (2) 25 km/hr
(3) 15 km/hr (4) 24 km/hr

87. A train travelling at a speed of 30 m/sec., crosses a platform 600 m long in 30 sec. The length of the train is
(1) 120 m (2) 150 m
(3) 200 m (4) 260 m

88. A swimmer's downstream speed is 11 km/hr and the speed of the stream is 1.5 km/hr. Find the upstream speed of the swimmer.
(1) 8 km/hr (2) 9.5 km/hr
(3) 9 km/hr (4) 8.5 km/hr

89. A sum of money becomes four times in 20 years at simple interest. Find the rate of interest.
(1) 35% (2) 15%
(3) 18.5% (4) 10%

90. The largest size of bamboo that can be placed in a square of area 100 sq. m. is
(1) 10 m (2) $10\sqrt{3}$ m
(3) $20\sqrt{3}$ m (4) 10.5 m

91. Which is an imaginary number?
(1) $\sqrt{-5}$ (2) 0
(3) -5 (4) $\sqrt{5}$

92. Find the number such that its third is greater than its fifth by 18.
(1) 120 (2) 130
(3) 125 (4) 122

93. A fruit-seller buys lemons at 2 for a rupee and sells them at 5 for 3 rupees. His gain percent is
(1) 37% (2) 18%
(3) 20% (4) 25%

94. The average of nine numbers is 50. The average of the first five numbers is 44 and that of the first three numbers is 52. Then the sixth number is
(1) 94 (2) 24
(3) 44 (4) 30

95. Hari's income is 20% more than Madhu's income. Madhu's income is less than Hari's income by
(1) 15% (2) $16\frac{2}{3}$ %
(3) 20% (4) 25%

96. How long will a sum of money invested at 5% per annum S.I. take to increase its value by 50%?
(1) 10 years (2) 12 years
(3) 15 years (4) 7 years

Directions (97-100) : In each of the following questions, there is a certain relationship between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.

97. Moderate : Intensity :: Nominal :
(1) Memorial (2) Expensive
(3) Distance (4) Chaos
98. Bold : Blunt :: Barren : ?
(1) Vegetarian (2) Farm
(3) Fertile (4) Inhabited
99. Cyclone : Anticyclone :: Flood : ?
(1) Devastation
(2) Haroc
(3) River (4) Drought
100. Hare : Burrow :: Owl : ?
(1) Hole (2) Hive
(3) Nest (4) Barn