

1. The synonym of *Candid* is
(a) Soft spoken (b) Faithful
(c) Fearless (d) Frank

2. The synonym of *Pretty* is:
(a) Beautiful (b) Small
(c) Soft (d) Irony

3. The antonym of *Awake* is:
(a) Aware (b) Asleep
(c) Alert (d) Conscious

4. The antonym of *Foes* is:
(a) Enemies (b) Relatives
(c) Friends (d) None of the above

Fill in the blanks with appropriate Prepositions

5. Abhishek acts.....his father's advice.
(a) On (b) Upon
(c) At (d) For

6. I am not afraid.....you.
(a) Of (b) For
(c) At (d) By

7. The teacher was angry.....him.
(a) At (b) For
(c) With (d) To

8. The teacher was angry.....his conduct.
(a) At (b) With
(c) For (d) To

9. I shall inquire.....the matter.
(a) To (b) For
(c) At (d) Into

10. He is notorious.....greed.
(a) For (b) To
(c) In (d) At

11. He took pity.....the poor man.
(a) For (b) On
(c) At (d) To

12. You have no pity.....the poor.
(a) On (b) At
(c) For (d) To

13. He is leaning.....the wall.
(a) To (b) For
(c) At (d) Against

14. He is true.....his word.
(a) For (b) To
(c) At (d) In

Pick out the Pronouns from the following sentences

15. These are my books.
(a) These (b) are
(c) my (d) books

16. Whose book is this?
(a) Book (b) Whose
(c) is (d) this

17. This is the boy who got the first prize.
(a) Boy (b) The
(c) Who (d) first place

18. I have found the pen which I had lost.
(a) Found (b) Pen
(c) Lost (d) Which

19. Each of the boys gets a prize.
(a) Each (b) Prize
(c) Gets (d) Boys

20. The teacher ordered the boy to shut the door.
(a) Direct speech (b) Indirect Speech
(c) Passive Voice (d) None of the above

21. The teacher said to the boys, "Work Hard".
(a) Direct Speech (b) Indirect Speech
(c) Passive Voice (d) None of the above

22. My brother has drawn this picture.
(a) Indirect speech (b) Passive voice
(c) Active voice (d) None of the above

23. Good news is expected by then.
(a) Active voice (b) Passive voice
(c) Direct speech (d) None of the above

24. We are playing cricket.
(a) A present indefinite tense
(b) A past perfect tense
(c) A present continuous tense

- (d) None of the above
25. The dog barked.
 (a) A present indefinite tense
 (b) A present continuous tense
 (c) Past indefinite tense
 (d) None of the above
26. Golden Fiber is surname of:
 (a) Cotton (b) Tea
 (c) Coffee (d) Jute
27. The piling of rocks for slowing down the flow of water is called:
 (a) Rock dam (b) Terrace farming
 (c) Water dam (d) Rock
28. The narrow zone of contact between the hydro-sphere, lithosphere and atmosphere is known as:
 (a) Ecosystem (b) Biosphere
 (c) Environment (d) Eco-friendly
29. Petroleum is known as: [JMI:2016-17]
 (a) Black gold (b) White gold
 (c) Black stone (d) Black silver
30. The tanks and ponds specially constructed for the breeding of fish is called:
 (a) Agriculture (b) Pisciculture
 (c) Viticulture (d) Horticulture
31. Who was father of Akbar the Great?
 (a) Babar (b) Umar Sheikh Mirza
 (c) Humayun (d) Ibrahim Lodhi
32. The head of Municipal Corporation is called:
 (a) Mayor (b) Chairman
 (c) Counsellor (d) Commissioner
33. Judges of high Courts and Supreme Court are appointed through:
 (a) Parliament (b) Planning Commission
 (c) Collegiums (d) None of the above
34. Who appoints ministers in a state?
 (a) Governor (b) Chief Minister
 (c) Chief Justice (d) None of the above
35. How many elected members are there in Delhi Assembly?
 (a) 60 (b) 55
 (c) 65 (d) 70
36. When simplified, $\left\{\left(\frac{2}{3}\right)^2\right\}^3 \times \left(\frac{1}{3}\right)^{-4} \times (3)^{-1} \times \left(\frac{1}{6}\right)$ becomes
 (a) $\frac{27}{48}$ (b) $\frac{32}{81}$
 (c) $\frac{9}{16}$ (d) $\frac{16}{27}$
37. The solution of $\frac{7x-1}{4} - \frac{1}{7}\left(2x - \frac{1-x}{2}\right) = 4$ is:
 (a) $x = 3$ (b) $x = 4$
 (c) $x = 2$ (d) None of these
38. A number consists of two digits of which tens exceeds the unit digit by 7. The number itself is equal to the sum of its digits. The number is:
 (a) 40 (b) 50
 (c) 60 (d) 70
39. A quadrilateral which is equilateral but not equi-angular is:
 (a) Parallelogram (b) Rectangle
 (c) Rhombus (d) None of these
40. If PQRS is a quadrilateral. PR and QS bisect each other. Then PQRS is:
 (a) Rectangle (b) Square
 (c) Rhombus (d) Parallelogram
41. The measure of an angle of a parallelogram is 70° . The remaining angles are:
 (a) $110^\circ, 70^\circ, 110^\circ$
 (b) $100^\circ, 90^\circ, 100^\circ$
 (c) $115^\circ, 60^\circ, 115^\circ$
 (d) None of these
42. If $\sqrt{0.05 \times 0.5 \times a} = 0.5 \times 0.05 \times \sqrt{b}$ then $\frac{a}{b} = ?$
 (a) 0.0025 (b) 0.025
 (c) 0.25 (d) None
43. If $\sqrt{2401} = \sqrt{7^x}$ Then $x =$
 (a) 3 (b) 4
 (c) 5 (d) 6
44. The surface of a cube is equal to 294 m^2 . The volume of the cube is:
 (a) 343 m^3 (b) 584 m^3
 (c) 693 m^3 (d) None of these
45. The cube root of -343×9261 is:
 (a) 147 (b) -147
 (c) 157 (d) None

46. $\frac{(0.1)^2 + (0.01)^2}{0.0001} - 1$ is equal to:

- (a) 100 (b) 101
(c) 1010 (d) 1101

47. Number of edges in a triangle prism is:

- (a) 5 (b) 6
(c) 10 (d) 9

48. Factors of $a^2 - b^2 + 2bc - c^2$ are:

- (a) $(a + b + c)(a - b + c)$
(b) $(a + b - c)(a + b + c)$
(c) $(a - b + c)(a + b - c)$
(d) $(a + b + c)(a - b - c)$

SSF TAMIA MILLIA ISLAMIA
New Delhi

49. Each edge of a cube is increased by 50%. The percent of increase in the surface area of the cube is:

- (a) 50 (b) 125
(c) 300 (d) 750

50. The circular cylinders of equal volume have heights in the ratio of 1 : 2. The ratio of these radii is:

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

51. A bicycle dealer has Rs.20, 000/- to invest, when a bicycle is available for Rs.800/-. If the price of a bicycle increases by 25%, then the number of bicycles he can purchase with the same sum is:

- (a) 25 (b) 20
(c) 30 (d) None

52. Given two quantities x and y. If an increase in x causes a proportionate decrease in y (and vice versa) such that their product remains constant. Then x and y are said to be:

- (a) Independent (b) Inversely related
(c) Directly related (d) None of these

53. Each edge of a cube is coloured either red or black. If every face of the cube has at least one red edge, then the smallest possible number of red edges is

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

54. In a parallelogram PQRS, the bisectors of Angle P and Angle Q meet at O. Then angle POQ is:

- (a) 70° (b) 80°
(c) 90° (d) None of these

55. The ratio of number of boys and girls in a school of 720 students is 7 : 5. How many girls should be admitted to make the ratio 1 : 1?

- (a) 310 (b) 320
(c) 120 (d) None

56. In figure, ABCD is a quadrilateral with $\angle B = 55^\circ$ and $\angle D = 104^\circ$. If $\angle BAD$ and $\angle BCD$ are in the ratio 2 : 3. The values of $\angle 1$ and $\angle 2$ are respectively

- (a) $100^\circ, 60^\circ$ (b) $110^\circ, 50^\circ$
(c) $104^\circ, 60^\circ$ (d) None

57. If $\sqrt{2 + \sqrt{x}} = 3$ then $x =$

- (a) 1 (b) $\sqrt{7}$
(c) 7 (d) 49

58. One number is 6 more than other number. Also, 7 times the smaller number is equal to 6 times the larger number. The two numbers are:

- (a) 30, 48 (b) 36, 42
(c) 40, 48 (d) None

59. In the case of a trapezium, the ratio of its angles taken in order cannot be:

- (a) 1:2:3:4 (b) 7:13:2:8
(c) 6:3:4:2 (d) 4:5:2:3

60. A Rectangular field is half as wide as it is long and is completely enclosed by x meters of fencing. The area in terms of x is

- (a) $\frac{x}{2}$ (b) $2x^2$
(c) $\frac{2x^2}{9}$ (d) $\frac{x^2}{18}$

61. The height of a cuboid whose base area is 180 cm^2 and volume is 900 cm^3 , is:

- (a) 4 cm (b) 5 cm
(c) 6 cm (d) None

62. A, B and C can do a piece of work in 8 days, 12 days and 15 days respectively. How long will they take to finish if they work together?

- (a) $3\frac{7}{11}$ days (b) $5\frac{3}{11}$ days
(c) 6 days (d) None of these

63. The altitude of a trapezium, the sum of the length of whose bases is 6 cm and area is 5.25 cm^2 is

- (a) 3.25 cm (b) 1.75 cm
(c) 2.75 cm (d) None of these

64. If two quantities a and b vary inversely with each other, then:

- (a) a + b remain constant
(b) a + b remain constant

- (c) $a \times b$ remain constant
(d) $a - b$ remain constant
65. If $\frac{x}{y} = \frac{6}{5}$ then $\frac{x^2 + y^2}{x^2 - y^2}$ is =
- (a) $\frac{50}{11}$ (b) $\frac{60}{11}$
(c) $\frac{11}{40}$ (d) $\frac{61}{11}$
66. The cutting of crop after it is mature is called:
(a) Irrigation (b) Harvesting
(c) Manure (d) Granaries
67. Which micro - organism promotes the formation of curd?
(a) Lactobacillus (b) Klebsiella
(c) Neisseria (d) Streptococcus
68. Who discovered the vaccine for small pox?
(a) Edward Jenner (b) Alexander Fleming
(c) Louis Pasteur (d) Robert Hook
69. When sulphur dioxide is dissolved in water the product formed is:
(a) Sulphuric Acid (b) Sulphurous Acid
(c) Both (a) & (b) (d) None of the above
70. Which of the following is not a product of coal?
(a) Coke (b) Coal tar
(c) CNG (d) Coal gas
71. Increase in the concentration of which of the following gases is responsible for global warming?
(a) Sulphur dioxide (b) Carbon dioxide
(c) Oxygen (d) Nitrogen dioxide
72. The energy of the power house of the cell is
(a) Nucleus (b) Mitochondria
(c) Plastids (d) Lysosomes
73. Which of the following is not a male reproductive organ?
(a) Testis (b) Penis
(c) Uterus (d) Vas deference
74. Which of the following is the first step of reproduction?
(a) Embryo (b) Zygote
(c) Budding (d) Fertilization
75. The Thyroid gland releases which hormone?
(a) Thyroxin (b) Adrenaline
(c) Insulin (d) Growth hormone
76. The force exerted by a charged body on another charged or uncharged body is known as:
(a) Frictional Force (b) Gravitational Force
(c) Muscular Force (d) Electrostatic Force
77. In humans the sound is produced by:
(a) Pharynx (b) Oesophagus
(c) Larynx (d) Thymus
78. The seismic waves are recorded by the instrument called:
(a) Seismograph (b) Partograph
(c) Richter scale (d) Topograph
79. Rods and cones are present in:
(a) Cornea (b) Pupil
(c) Sclera (d) Retina
80. Angle of incidence is equal to angle of reflection:
(a) Always (b) Under special condition
(c) Sometimes (d) Never
81. The process of conversion of sugar into alcohol is called:
(a) Pathogen (b) Fermentation
(c) Moulding (d) Nitrogen fixation
82. A tadpole develops into an adult frog by the process of:
(a) Fertilization (b) Metamorphosis
(c) Embedding (d) Budding
83. The phenomenon of breaking of light into its seven constituent colors is known as:
(a) Reflection of light
(b) Refraction of light
(c) Dispersion of light
(d) Radiation of light
84. The human ear can hear sounds having frequency in the range:
(a) Between 200-20,000 Hz
(b) Between 20-2000 Hz
(c) Between 200-2000 Hz
(d) Between 20-20,000 Hz
85. During the lightning which of the following is NOT a safe place?
(a) Open field (b) Inside a house
(c) Bus stop (d) Elevated ridge
86. Images formed by a plane mirror is:
(a) Virtual, behind the mirror and enlarged.

- (b) Virtual, behind the mirror and of the same size as the object.
 (c) Real, at the surface of the mirror and enlarged.
 (d) Real, behind the mirror and of the same size as the object.
87. While connecting LED to a circuit, the longer lead is always connected to:
 (a) Positive terminal of the battery
 (b) Negative terminal of the battery
 (c) Either positive or negative terminal of the battery
 (d) None of these
88. Which of the following non-metal reacts and catches fire on exposure to air?
 (a) Phosphorus (b) Nitrogen
 (c) Sulphur (d) Hydrogen
89. A disease in human being caused by virus is
 (a) Typhoid (b) Influenza
 (c) Dysentery (d) Cholera
90. Part of the eye which controls the light entering is called:
 (a) Iris (b) Cornea
 (c) Lens (d) Retina
91. Who was the founder of Brahmō Samaj
 (a) Sardar Patel (b) Mahatma Gandhi
 (c) Pandit Ramabai (d) Raja Ram Mohan Roy
92. Who was the last Viceroy of India?
 (a) Lord Mayo (b) Lord Mountbatten
 (c) Lord Irwin (d) Lord Curzon
93. When did Delhi become capital of British India?
 (a) 1857 (b) 1909
 (c) 1808 (d) 1911
94. Which city is known as Silicon Valley of India?
 (a) Bengaluru (b) Jaipur
 (c) Delhi (d) Hyderabad
95. Sericulture deals with:
 (a) Crops (b) Grapes
 (c) Fish (d) Silkworm
96. National Planning Commission has been replaced by:
 (a) Election Commission
 (b) NITI Aayog
 (c) Welfare Commission
 (d) None of the above
97. Munda tribes are found in:
 (a) Delhi (b) Nepal
 (c) Jharkhand (d) Rajasthan
98. Bahadur Shah Zafar died in:
 (a) 1880 (b) 1862
 (c) 1820 (d) 1780
99. Which country is the largest producer of Mica?
 (a) India (b) Bangladesh
 (c) Nepal (d) Pakistan
100. How many seats are there in the Lok Sabha?
 (a) 543 (b) 555
 (c) 545 (d) 485

ANSWER SHEET

1. (d) 2. (a) 3. (b) 4. (c) 5. (a) 6. (a) 7. (c) 8. (b) 9. (b)
 10. (a) 11. (a) 12. (a) 13. (d) 14. (a) 15. (c) 16. (b) 17. (a) 18. (b)
 19. (d) 20. (b) 21. (b) 22. (b) 23. (b) 24. (c) 25. (c) 26. (d) 27. (b)
 28. (b) 29. (a) 30. (b) 31. (c) 32. (a) 33. (b) 34. (a) 35. (d) 36. (b)
 37. (a) 38. (d) 39. (c) 40. (*) 41. (a) 42. (c) 43. (*) 44. (a) 45. (b)
 46. (a) 47. (d) 48. (c) 49. (d) 50. (c) 51. (b) 52. (c) 53. (d) 54. (c)
 55. (c) 56. (d) 57. (d) 58. (b) 59. (d) 60. (d) 61. (b) 62. (a) 63. (b)
 64. (c) 65. (d) 66. (b) 67. (a) 68. (a) 69. (b) 70. (c) 71. (b) 72. (b)
 73. (c) 74. (d) 75. (a) 76. (c) 77. (c) 78. (a) 79. (d) 80. (a) 81. (b)
 82. (b) 83. (c) 84. (d) 85. (a) 86. (b) 87. (a) 88. (a) 89. (b) 90. (a)
 91. (a) 92. (c) 93. (d) 94. (a) 95. (d) 96. (b) 97. (c) 98. (b) 99. (a)
 100. (c)