

16. A. Hair-guinea pig B. Shell-snail C. Mucus-magur
D. Mucus-lizard
The incorrect pair among these is
a) A b) C c) D d) B
17. The tree that has a different type of root is
a) fanimonosa b) mango c) sundari d) jackfruit
18. The quill of porcupine is actually
a) thin bone b) body hair c) hair d) muscle
19. The skin arranged as thinnest to thickest are on cheeks (A), palms (B), ankles (C) and forehead (D)
a) A, C, B, D b) A, B, C, D c) A, D, B, C d) B, C, D, A
20. The disease that shows changes in the shape and color of nails is
a) allergy b) cancer c) anaemia d) both a and c
21. Number of bones from elbow to wrist is
a) 3 b) 5 c) 1 d) 2
22. The muscle that is not active is (are)
a) eyes b) ear lobe c) tongue d) jaw
23. The one that is affected by environmental pollution is
a) air temperature b) lunar eclipse
c) solar eclipse d) meteorite fall
24. The function of the skin component melanin is to make the skin
a) thick and absorb ultraviolet rays
b) black and absorb ultraviolet rays
c) red and prevent allergies d) black and prevent allergies
25. To generate electricity from water, water is needed at high
a) temperature b) current c) depth d) both b and c
26. The one of the following not a medicinal plant is
a) sarpagandha b) mehendi c) muktojhuri d) palm

27. More important land in regard to our environment is
a) desert b) wetland c) plateaus d) mountainous
28. One-horned rhinoceros can be seen at
a) Jaldapara b) Sundarbans c) Manas d) Nagra Kata
29. The Milky Way is a collection of
a) sands b) stars c) planets d) pieces of mud
30. Toxic gas present in the black smoke of an engine-powered van is
a) carbon monoxide b) methane
c) phosphine d) ammonia
31. The simplest value of $20 \div [40 - 5 \{7 - (6 - 3)\}]$ is
a) 0 b) 1 c) 2 d) 3
32. Number of 3 to be written to write all two digit numbers once is
a) 18 b) 17 c) 16 d) 19
33. Sum of the even prime number(s) between 30 and 40 is
a) 101 b) 37 c) 71 d) 0
34. If number of students can be divided into 16, 24 or 32 groups consisting of equal number of students, then the minimum number of students will be
a) 96 b) 48 c) 192 d) 44
- 35-38 Answer the questions from 31 to 34 using the text below.
- Number of people in a village is 1500. Of them, $\frac{3}{5}$ th are men and out of the men $\frac{3}{5}$ th are literate. Of the women, $\frac{4}{5}$ th part are literate.
35. Total number of men in the village is
a) 900 b) 600 c) 800 d) 400

36. Total number of literate men in the village is
 a) 450 b) 540 c) 360 d) 630
37. The number of literate women in the village is
 a) 450 b) 540 c) 480 d) 840
38. Total number of illiterate men and women is
 a) 450 b) 900 c) 540 d) 480
39. $\frac{1}{25}$ th part of a number is equal to $\frac{1}{7}$ th part of 42. The number is
 a) 1010 b) 1050 c) 150 d) 175
40. If $21p5$ is a multiple of 9 then the value of p is
 a) 1 b) 2 c) 3 d) 4
41. The numbers 2, 10, 26, 50, ..., ..., ... are arranged in a pattern.
 The 7th number of the pattern is
 a) 122 b) 82 c) 101 d) 170
42. If 24 men can do a piece of work in 30 days, number of days
 required for 40 men to do the same piece of work is
 a) 15 b) 9 c) 18 d) 20
43. If A denotes \div , B denotes \times , C denotes $+$ and D denotes $-$ then
 $81 A 9 B 3 C 6 D 8$ is equal to
 a) 5 b) 25 c) 27 d) 28
44. If the area of a rectangular garden increases by 35 sq m when its
 length is increased by 5 m, then the breadth of the rectangular
 garden in (meter) is
 a) 7 b) 5 c) 8 d) 30
45. The value of $1\frac{1}{3} + 6\frac{1}{15} + 2\frac{7}{10}$ will be
 a) $10\frac{1}{15}$ b) $15\frac{1}{10}$ c) $12\frac{3}{5}$ d) $10\frac{1}{10}$

46. If a wheel travelled 160m by revolving 48 times then the number of rotations of the wheel to travel 1600 meter is
a) 480 b) 660 c) 460 d) 840
47. A wall clock takes 10 seconds to bell 10 o'clock, then the number of seconds required to bell 6 o'clock is
a) $3\frac{3}{5}$ b) $5\frac{5}{9}$ c) $4\frac{4}{9}$ d) $3\frac{4}{5}$
48. If the perimeter of a rectangle is 110 meter and the difference of length and breadth is 11 meter then the area of the rectangle in terms of square meter is
a) 836 b) 743 c) 726 d) 528
49. The least number which when is divided by 6, 9, 12 gives remainder 4, 7 and 10 respectively, then the number is
a) 36 b) 32 c) 34 d) 38
50. The number 1 (one) is
a) prime b) composite
c) prime or composite d) none of a), b), c)
51. If 5 is multiplied with the largest 6 digit number then the number is
a) 449995 b) 4999995 c) 4995 d) 499995
52. If the number of edges of a cuboid be p and that of the vertices is n then $p + n$ is equal to
a) 20 b) 18 c) 16 d) 12
53. The sum of all prime numbers between 1 to 29 is
a) 95 b) 129 c) 119 d) 100
54. The number of surface (s) of a hemisphere is (are)
a) 1 b) 3 c) 2 d) 6

55-57 Match the columns at the left and right of the chart below and answer the questions from 55 to 57

1. 45°	P. parallel
2. If two straight lines in a plane do not intersect each other they are mutually	Q. 7
3. If area of a rectangle is 42 sq. cm and its breadth is 6 cm, its length in cm is	R. 2
4. Number of points of intersection of two circles are	S. acute angle

55. a) $1 \rightarrow P$ and $2 \rightarrow Q$ b) $1 \rightarrow S$ and $2 \rightarrow Q$
 c) $2 \rightarrow P$ and $3 \rightarrow Q$ d) $3 \rightarrow Q$ and $4 \rightarrow S$
56. a) $1 \rightarrow S$ and $2 \rightarrow P$ b) $1 \rightarrow P$ and $3 \rightarrow Q$
 c) $3 \rightarrow P$ and $4 \rightarrow R$ d) $2 \rightarrow P$ and $3 \rightarrow R$
57. a) $1 \rightarrow R$ and $2 \rightarrow P$ b) $2 \rightarrow S$ and $3 \rightarrow R$
 c) $3 \rightarrow R$ and $4 \rightarrow Q$ d) $3 \rightarrow Q$ and $4 \rightarrow R$
58. When two digits at unit's and hundred's place exchange positions in a 3 digit number, it increases by 495. The number is
 a) 123 b) 134 c) 147 d) 358
59. 13 June 2025 was a Friday. 13 June, 2023 was a
 a) Tuesday b) Wednesday c) Saturday d) Monday
60. The angle in degrees between the minute hand and hour hand at 6 O'clock is
 a) 120° b) 180° c) 200° d) 150°