



Centre for Excellence

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ALL INDIA

MATHS SCIENCE TALENT EXAMINATION

CLASS V

Total Marks: 25

Time Allowed: 30 Minutes

- What comes next in the series?
5, 9, 17, 29, 45,
(A) 70 (B) 65
(C) 68 (D) 60
- In the series:
7 5 8 3 9 8 7 3 3 8 9 3 7 2 8 9 3 7 3 9 9 8
How many 9s are there whose immediate neighbors are 3 & 8?
(A) 4 (B) 5
(C) 2 (D) 3
- In a certain code, if BETTER is coded as 017758, and BUT is coded as 027, how is BUTTER coded in that code language?
(A) 207758 (B) 027758
(C) 017727 (D) 127758
- If **paper** is called **eraser**, **eraser** is called **bag**, **bag** is called **scale**, **scale** is called **pencil** and **pencil** is called **paper** what will a person write with?
(A) Pencil (B) Eraser
(C) Paper (D) none of these
- Library is to book as book is to _____.
(A) cover (B) copy
(C) pages (D) printing
- There were 11 pigeons and 9 tigers. Ramesh counted legs of all these animals. How many legs were there altogether?
(A) 40 (B) 58
(C) 80 (D) none of these
- If $\frac{a}{3} = \frac{b}{4} = \frac{c}{7}$, the value of $\frac{a+b+c}{c}$ is
(A) $\frac{1}{7}$ (B) $\frac{1}{2}$
(C) 2 (D) 7
- How many composite numbers are there in between 1 and 20?
(A) 8 (B) 9 (C) 10 (D) 11

9. A number which is a factor of every number is ____.
 (A) 0 (B) 1 (C) 2 (D) 10
10. The third place to the right of the decimal point is called _____.
 (A) hundredths (B) thousandths
 (C) tenths (D) none of these
11. $12 \div \frac{1}{2} + 0.5 \times \frac{5}{2} - 2 = ?$
 (A) 12.25 (B) 13.25
 (C) 23.25 (D) none of these
12. $35^{\circ}\text{C} = \text{ }^{\circ}\text{F}$
 (A) 35 (B) 95
 (C) 65 (D) none of these
13. Rani has $\frac{3}{4}$ m of a ribbon. She uses half of the ribbon to decorate a gift. How much does she use?
 (A) 0.5 m (B) 37.5 cm
 (C) 75 cm (D) none of these
14. Find value of 'a' when:
 $8 \times 37 = (8 \times 30) + (8 \times a)?$
 (A) 7 (B) 8 (C) 30 (D) 35
15. Ramesh runs a race of 200 m around a rectangular field whose length is 30 m and width is 20 m. How many times does he run around the field to complete the race?
 (A) 2 times (B) 3 times
 (C) 4 times (D) 5 times
16. The shoulder joint is a ____ joint.
 (A) Pivot (B) Gliding
 (C) Ball & Socket (D) Hinge
17. ____ is underground stem.
 (A) Potato (B) Ginger
 (C) both A & B (D) none of these
18. Which of the following are cold blooded animal?
 (A) Fishes (B) Amphibians
 (C) both of these (D) none of these
19. Locusts are ____.
 (A) Birds (B) Tiger family
 (C) Insects (D) Mosquitoes
20. Brass is copper + ____.
 (A) Steel (B) Aluminium

(C) Iron (D) Zinc

21. ____ is a millet crop.
(A) Wheat (B) Bajra
(C) Rice (D) none of these
22. Wheel barrow is an example of a ____ class lever.
(A) First (B) Second
(C) Third (D) none of these
23. _____ was the first man made satellite.
(A) Aryabhata (B) Sputnik I
(C) Apollo (D) none of these
24. Solar eclipse occurs when _____.
(A) Moon comes between Sun & Earth
(B) Sun comes between Moon & Earth
(C) Stars come between Sun & Earth
(D) none of these
25. Blubber is found in the body of _____.
(A) Seal (B) Yak
(C) both of these (D) none of these

ANSWERS

1	B	6	B	11	C	16	C	21	B
2	D	7	C	12	B	17	C	22	B
3	B	8	C	13	B	18	C	23	B
4	C	9	B	14	A	19	C	24	A
5	C	10	B	15	A	20	D	25	A