



S I M S[®]

(SCHOLARS INTEGRAL MATHS & SCIENCE OLYMPIADS)



BIGGEST NATIONAL LEVEL OLYMPIADS (STAGE - II) : 2025-26

MAX. MARKS : 100

SIMS QUESTION PAPER

TIME: 60 MIN.

NAME OF THE STUDENT :

HALL TICKET NUMBER :

NAME OF THE SCHOOL :

INSTRUCTIONS:

- ✦ This question paper consists of 25 questions.
 - ✦ All questions are single correct answer type.
 - ✦ Each question carries 4 marks and no negative marks.
 - ✦ Check whether 25 questions printed or not.
 - ✦ Read the instructions carefully given on the OMR sheet.
 - ✦ Hand over OMR Sheet before leaving the exam hall.
 - ✦ Retain Question paper with you.
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Single Correct Answer Type:

25 × 4 = 100

1. In which of the following the first number is not a factor of the second number ?

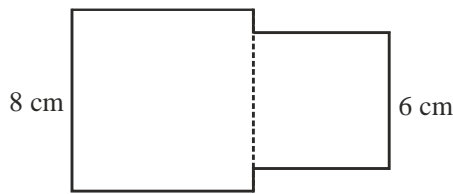
- 1) 4, 76 2) 15, 450 3) 11, 115 4) 18, 918

2. If P = 6, J = 4, L = 8 and M = 24, then

M ÷ L × J + P = ?

- 1) 16 2) 0 3) 36 4) 18

3. The given figure consists of 2 squares. What is the perimeter of the figure ?



- 1) 42 cm 2) 44 cm 3) 50 cm 4) 58 cm

4. The number of prime numbers between 31 and 53 is

- 1) 4 2) 8 3) 6 4) 22

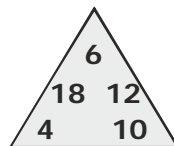
5. Given $3830 \div P = 191$, remainder 10. The value of P is _____.

- 1) 10 2) 20 3) 30 4) 38

6. How many millilitres make 5 litres ?

- 1) 5000 2) 500 3) 50 4) 5


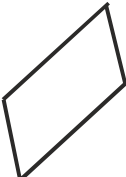
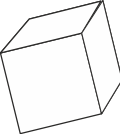

7. Study the given multiples of two numbers.



What is the product of two numbers ?

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

8. Which of the following is a three dimensional figure ?

- 1)  2)  3)  4) 

9. Hindu-Arabic numeral for CCCXLVII is _____.

- 1) 357 2) 347 3) 367 4) 387

10. The value of $0.2 \times 0.2 \times 0.2 \times 30 \times 10$ is ____.

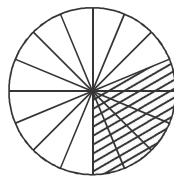
- 1) 0.24 2) 0.34 3) 2.4 4) 0.0024

11. Find the missing digit if it has 11 and 13 as factors ?



- 1) 2 2) 4 3) 6 4) 8

12. Represent the shaded part as a fraction and choose the correct option :



- 1) It is a proper fraction 2) It is an improper fraction
3) It is a mixed fraction 4) It is an unit fraction

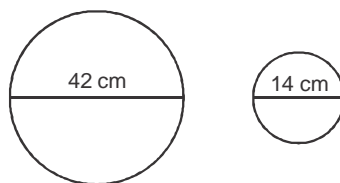
13. If ab represents any two digit number. What is the value of $(aba^2) \div ab$?

- 1) 101 2) 11 3) 10 4) 1001

14. How many 13's are there in 1001 ?

- 1) 77 2) 70 3) 7 4) 17

15. The ratio of area of big circle to the area of small circle.



- 1) 3 : 1 2) 9 : 1 3) 5 : 1 4) 2 : 1

16. The total cost of the following :

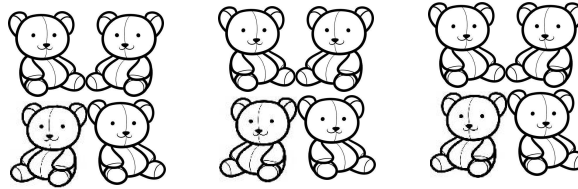
Food	Cost Per Kg	Bought
Apple	45	5 kg
Orange	35	7 kg
Rice	84	10 kg
Total		?

- 1) ` 164 2) ` 1310 3) ` 1450 4) ` 2131

17. Tency arranged some toys as shown.

Which of the following division facts is best represented by this arrangement of toys ?

- 1) $4 \div 4 = 1$
- 2) $12 \div 3 = 4$
- 3) $12 \div 4 = 3$
- 4) $4 \div 1 = 4$



18. Identify the incorrect statement.

- 1) $C - X = XC$
- 2) $XI - IX = XX$
- 3) $DC - C = D$
- 4) $LXI - LIX = II$

19. Find the difference obtained when 35609 is subtracted from the product of 7248 and 6.

- 1) 7879
- 2) 43488
- 3) 8879
- 4) 7889

20. Find the missing number.

13	8		16	9		18	8
108			148			?	

- 1) 144
- 2) 184
- 3) 138
- 4) 148

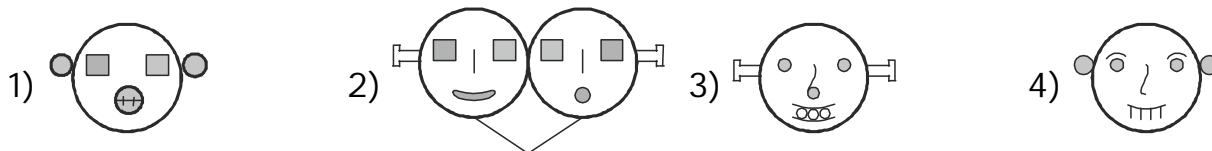
21. A prime number has _____.

- 1) 0, 2, 4, 6 or 8 at one's place
- 2) 1, 3, 5, 7 or 9 at one's place
- 3) only 2 factors
- 4) only 2 multiples

22. How many one-eighths are there in $5\frac{1}{4}$?

- 1) 42
- 2) 44
- 3) 40
- 4) 46

23. Which figure has exactly three circles ?



24. If stands for 32, for which number does stand ?

- 1) 4
- 2) 6
- 3) 8
- 4) 16

25. Find the sum of A, B and C in the given addition.

$$\begin{array}{r}
 A\ 8\ 4 \\
 4\ B\ 8 \\
 +\ 3\ 2\ C \\
 \hline
 1\ 0\ 4\ 6
 \end{array}$$

- 1) 9
- 2) 10
- 3) 8
- 4) 11

*** ALL THE BEST ***