



# SIMS<sup>®</sup>

(SCHOLARS INTEGRAL MATHS & SCIENCE OLYMPIADS-HYD)

GRADE  
**IV**

**BIGGEST STATE LEVEL OLYMPIAD : 2025-26**

**SIMO QUESTION PAPER : STAGE - I**

**MAX. MARKS : 100**

**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.

**Single Correct Answer Type:**  $25 \times 4 = 100$

1. Which of the following fractions are improper ?

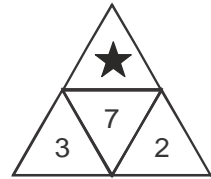
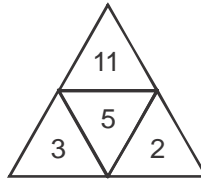
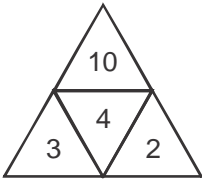
1)  $\frac{8}{7}$

2)  $\frac{9}{11}$

3)  $\frac{17}{19}$

4)  $\frac{22}{25}$

2. The number that comes in the place of ' $\star$ ' is \_\_\_.



1) 12

2) 13

3) 19

4) 20

3. In the numbers from 1 to 100, the digit '0' appears \_\_\_\_\_ times.

1) 9

2) 10

3) 12

4) 11

4.  $D + K = 10$ ,  $K - D = 4$ .

If these numbers sentences are true, which of the following may be correct ?

1)  $D = 3$ ,  $K = 6$

2)  $K = 5$ ,  $D = 3$

3)  $K = 7$ ,  $D = 3$

4)  $K = 8$ ,  $D = 2$

5. Some Roman numerals are given in the box.

M	V	X	D	L
---	---	---	---	---

Which of the following is the number that can be written using all the given Roman numerals ?

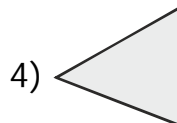
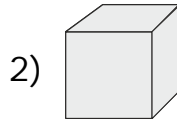
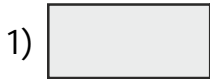
- |         |         |
|---------|---------|
| 1) 2555 | 2) 1565 |
| 3) 1600 | 4) 3549 |

6. Find the missing term in the following ?

162	216	48
?	6	4
18	36	12

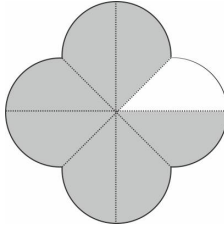
- |       |       |
|-------|-------|
| 1) 9  | 2) 7  |
| 3) 11 | 4) 13 |

7. Which of the following figures is different from the other three ?





13. For the following figure, write the fraction of the unshaded part.



1)  $\frac{7}{8}$

2) 1

3)  $\frac{1}{7}$

4)  $\frac{1}{8}$

14. Find the missing number.

$$? \div 3 = 5 \times 5$$

1) 75

2) 15

3) 90

4) 60

15. Which number should fill in the box ?

$$XIX + XXX = ?$$

1) 44

2) 51

3) 55

4) 49

16. How many months in a year have 31 days ?

1) 5

2) 7

3) 4

4) 6

17. 7 years 2 months = \_\_\_\_\_.

- |              |              |
|--------------|--------------|
| 1) 83 months | 2) 85 months |
| 3) 84 months | 4) 86 months |

18. What is the sum when 11 is added to the next prime number ?

- |       |       |
|-------|-------|
| 1) 24 | 2) 13 |
| 3) 23 | 4) 21 |

19. The number of composite numbers between 5 and 20 is \_\_\_\_\_.

- |       |      |
|-------|------|
| 1) 11 | 2) 6 |
| 3) 10 | 4) 9 |

20. A factory makes 425 paper plates every day. How many plates does it make in 162 days ?

- |           |           |
|-----------|-----------|
| 1) 587    | 2) 64,850 |
| 3) 68,850 | 4) 62,850 |

21. Which pair has same digits at hundreds place ?

- |               |               |
|---------------|---------------|
| 1) 5432, 6922 | 2) 6524, 2465 |
| 3) 4232, 4341 | 4) 2334, 2340 |

**22. When 1 is subtracted from smallest 5-digit number, the resultant value becomes \_\_\_\_\_.**

- 1) smallest 6-digit number
- 2) greatest 2-digit number
- 3) greatest 6-digit number
- 4) greatest 4-digit number

**23. Make the smallest four digit number by using any one digit twice by 0, 4, 9 ?**

- 1) 4000
- 2) 4409
- 3) 4009
- 4) 4900

**24. With which place does a 5-digit number begin ?**

- 1) Lakhs
- 2) Ones
- 3) Thousands
- 4) Ten thousands

**25. How many one thirds are there in 72 ?**

- 1) 144
- 2) 288
- 3) 24
- 4) 216

**\*\*\* ALL THE BEST \*\*\***

## ROUGH WORK