S I M S® CLASS IV

(SCHOLARS INTEGRAL MATHS & SCIENCE OLYMPIADS)

BIGGEST NATIONAL LEVEL OLYMPIAD (STAGE - II) : 2018-19

SIMO QUESTION PAPER

MAX. MARKS : 100   TIME: 60 MIN.

NAME OF THE STUDENT : ....

HALL TICKET NUMBER : ....

NAME OF THE SCHOOL : ....
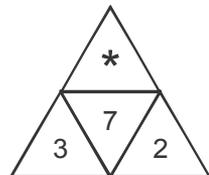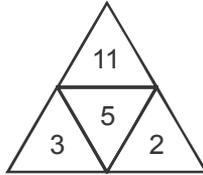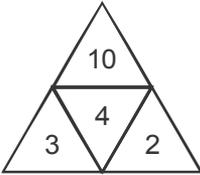
INSTRUCTIONS:

✦ **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 × 4 = 100**

1. The number that comes in the place of '*' is ____

1) 12   2) 13   3) 14   4) 20
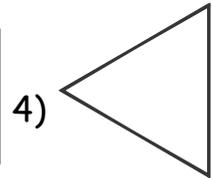
2. Which of the following is a closed figure ?
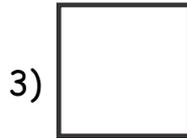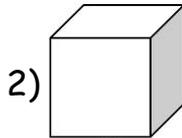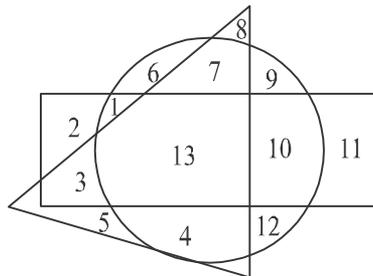
1) @   2) L   3) D   4) M

3. Which of the following figure is different from the other three ?

4. In the given figure, which numbers are inside both a rectangle and a circle but not inside a triangle at the same time ?
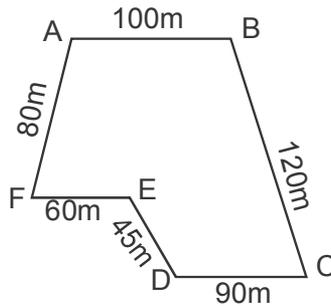

1) 5 and 11   2) 1 and 10   3) 3 and 9   4) 6, 7 and 4

5. **If the radius of a circle is 7 cm. What will the length of its longest chord ?**

   1) 3.5 cm   2) 21 cm   3) 7 cm   4) 14 cm

6. **If the area of a square is 64 square cm. What is the side of the square ?**

   1) 32 cm   2) 16 cm   3) 8 cm   4) 14 cm

7. **The perimeter of a given plane figure ABCDEF is**

   1) 440 m   2) 400 m   3) 495 m   4) 485 m

8. **The chart shows the number of symphony tickets sold by 11:00 on Thursday.**

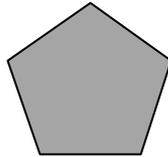| Time	Number of tickets
09:00 – 09:29	65
09:30 – 09:59	78
10:00 – 10:29	94
10:30 – 11:00	36

   The total number of tickets sold before 10:30 is:

   1) 143   2) 237   3) 273   4) 243

9. **What will be the area of a rectangle of dimensions 15 cm and 20 cm ?**
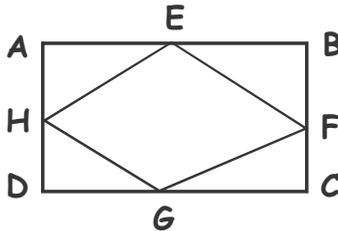
    1) 35 sq.cm   2) 225 sq.cm

    3) 300 sq.cm   4) 400 sq.cm

10. **Tency made a poster of the following shape with each side equals to 16 cm. She needs colored tape to cover the boundary. What length of the tape will he needed ?**

    1) 256 cm   2) 64 cm   3) 80 cm   4) 48 cm

11. **The number of line segments from the following figure is**

    1) 22   2) 18   3) 12   4) 16

12. **An angle which measures 90° is called _____ angle.**

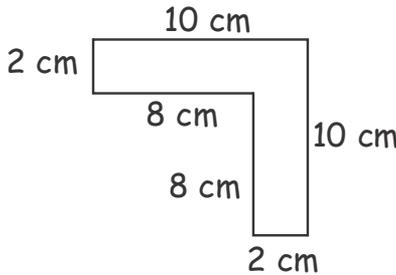   1) Right   2) Obtuse   3) Acute   4) Zero

13. **Convert into millimeter: 2.47 cm.**

    1) 2.7 mm   2) 24.7 mm   3) 14.7 mm   4) 247 mm

14. If one symbol of ▢ represents 10 glasses of chocolate milk, then 45 glasses of chocolate milk are represented by
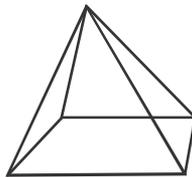
   1) ▢▢▢▢   2) ▢▢▢▢

   3) ▢▢▢▢▢   4) ▢▢▢▢▢

15. The perimeter of the given figure is _____.

   1) 40 cm   2) 45 cm   3) 50 cm   4) 55 cm

16. How many vertices does this pyramid have ?
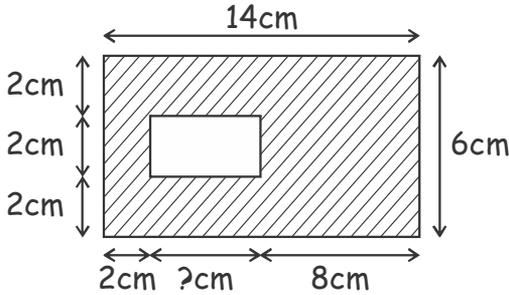

   1) 4   2) 5   3) 6   4) 8

17. A weather station predicted the temperature on Sunday would be 96°F. If the actual temperature was 11°F hotter than their prediction, what temperature was it ?

   1) 85 °F   2) 95 °F   3) 105 °F   4) 107 °F

18 How many days in 2 leap years ?

    1) 732 days   2) 766 days

    3) 366 days   4) 365 days
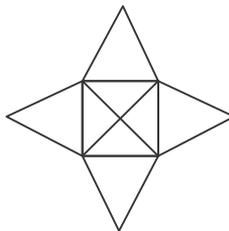
19. What is the area of the shaded part of the figure ?

    1) 68 cm²   2) 72 cm²   3) 76 cm²   4) 80 cm²

20. Find the missing number(?) in the following.

162	216	48
?	6	4
18	36	12

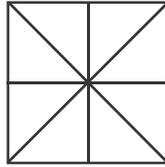   1) 9   2) 7   3) 11   4) 13

21. The given figure contains _____ triangles.

    1) 13   2) 15   3) 12   4) 10

22. The number of squares in the given figure is _____.

  1) 5   2) 6   3) 4   4) 8

23. 7.70 km ÷ 14 = _____.

  1) 540 m   2) 530 m   3) 510 m   4) 550 m

24. How many seconds in 1 hour ?

  1) 3600   2) 600   3) 60   4) 660

25. A garden is 50 m long and 45 m broad. How much area does it construct ?

  1) 100 sq.m   2) 90 sq.m

  3) 2250 sq.m   4) 2000 sq.m

*** ALL THE BEST ***

ROUGH WORK