

BIGGEST NATIONAL LEVEL OLYMPIAD : 2016-17

MAX. MARKS : 100

SIMO QUESTION PAPER

NAME OF THE STUDENT : HALL TICKET NUMBER • NAME OF THE SCHOOL •

INSTRUCTIONS:

- + This question paper Consists of 25 questions.
- + All guestions are single correct answer type.
- + Each guestion carries 4 marks and no negative marks.
- + Check weather 25 guestions 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:

- The total number of digits used in numbering 350 pages of the book is 1.
 - 1) 959 2) 924 3) 900
- In an amusement park, a fountain erects water, in different colours at different intervals of time. 2. The water of colour red comes out at every 40 minutes, of colour blue comes out at every 50 minutes and of colour yellow comes out at every hour. If the water of all the colours came out together at 8 am. At what time will they come out together again?

1) 3 pm 2) 12 noon 3) 6 pm 4) 8 pm

Jessica while making her doll house, arranged some cubes to build stairs for it as shown below. 3.



What is the perimeter of the corner ABCD of the stairs, if the dimensions are as given in figure?

1) 45 cm 2) 60 cm 3) 30 cm 4) Cannot be determined

4 Anand placed a carpet on the floor of his drawing room but found it to be of the exact size. He wanted to leave a border of 2 ft on each side. If the carpet measures of 8 ft by 6 ft., then, the area of border is

1) 40 sq. ft. 2) 72 sq. ft. 3) 120 sq. ft. 4) 48 sq. ft.

 $25 \times 4 = 100$

TIME: 60 MIN.

4) 942

4) 16 m

- 5. How many bricks of length = 0.2 m, breadth = 0.08 m and height = 6 cm, will be needed to build a wall of length = 10 m, thickness = 0.06 m and height = 200 cm?
 - 1) 1250 2) 1000 3) 1050 4) 900

2) 40 m

6. Susan, Laden, John run on different tracks as rectangular field. If the dimensions of the tracks are given below, then what is the difference between the length of boundary of track III and track I? (neglecting the width of the back)



1) 68 m

Marina used $\frac{4}{9}$ of her money to buy 9 identical blouses and 5 identical pairs of pants. She used $\frac{1}{2}$ 7. of the remaining amount of money to buy another 10 identical blouses. She had ₹330 left. How much money did she have at first? 1) ₹ 891 2) ₹ 300 3) ₹ 405 4) None of the above Jayanth completed his maths homework at 4:00 p.m. If took him 1 hour and 15 minutes to 8. complete all the problems. What time did he begin his maths homework? 2) 2 : 35 pm 3) 3 : 45 pm 1) 2 : 45 pm 4) 3 : 15 pm The consumption of petrol by a truck per fortnight is 101.25 litres. How many litres of petrol 9. does it consume per day? 1) 6.75 litres 2) 14.46 litres 3) 1518.75 litres 4) 116.25 litres 10. Find the greatest number that will divide 28 + X and 24 + X without leaving any remainder when X = 4. 1) 1 2) 2 3) 4 4) 14 A man bought a bicycle for ₹1350/- and sold it at a loss of ₹250/-, what is the selling price of 11. the bicycle? 1) ₹ 1550 2) ₹ 1100 3) ₹ 1250 4) ₹ 1010 The body temperature of a patient according to Celsius scale is 39.5°C. What is this equal to 12. Fahrenheit? [Hint: $\frac{C}{100} = \frac{F-32}{180}$] 1) 71.5°F 2) 130°F 3)103.1°F 4) 113.1°F

CLASS - V SI				SIMO : 2016 - 17
13.	What least number should be subtracted from 7280603 so it is exactly divisible by 928?			
	1) 928	2) 443	3) 485	4) 453
14.	In an auditorium, there are 58 rows of chairs. In each row 40 chairs are kept. If two chairs are damaged from each row, then the number of damaged chair in the auditorium is?			
	1) 174	2) 80	3) 116	4) 40
15.	What least number should be subtracted from 147355 so that the resulting number be completely divisible by 35?			
	1) 0	2) 5	3) 15	4) 25
16.	Given that $1 + 2 + 3 + \dots + 99 + 100 = 5050$, find $1 + 2 + 3 + \dots + 99 - 100$.			
	1) 5150	2) 4950	3) 4850	4) 5050
17.	Find a number which is a multiple of all the numbers from 1 to 10?			
	1) 5040	2) 1260	3) 2520	4) None
18.	Rectangles A, B and C are identical. Find the perimeter of the figure.			



2) 600 g

3

CLASS - V

1) 125 sq. cm

SIMO : 2016 - 17

- 23. A cloth mill produces 8,573 m cloth in a day. How many metres of cloth can it produce in the month of January, if there are 6 holidays in the month?
 - 1) 2,14,325 m 2) 2,05,752 m 3) 2,13,425 m 4) 265763 m
- 24. The distance between two towns is 32,674 km. If Raju makes 3 trips between the towns, how much distance does he cover ?
 - 1) 196144 km 2) 190644 km 3) 98022 km 4) 196044 km
- 25. Find the area of the shape given in below figure.



4) 125 sq. cm

* * * All The Best * * *