INTERNATIONAL TALENT SEARCH EXAMINATION

2024 – 2025 PRACTICE PAPER

CLASS – 5 (MATHEMATICS)

SET – A

1. The amount of space a solid occupies is called _____

   (a) area   (b) length   (c) volume

2. The volume of a 1cm cube is _____

   (a) 3cm2   (b) 1cm3   (c) 11cm3

3. Find the length of a cuboid whose volume is 120cm³ breadth is 6cm and height is 5cm

   (a) 4cm   (b) 2cm   (c) 6cm

4. Find the length of one edge of a cube whose volume is 27cm³ .

   (a) 6cm   (b) 3cm   (c) 9cm

5. A rectangular tank measures 2m by 3m by 4m and is full of water. What is its capacity in litres?

   (a) 24 L   (b) 1200 L   (c) 24000 L

6. 725 mL = _____ cubic centimeters

   (a) 7.25   (b) 725   (c) 72500

7. If 70 cows can graze on a field in 12 days, how many days will 60 cows take to graze on the same field?

   (a) 14 days   (b) 24 days   (c) 20 days

8. If a dozen bananas cost Rs.15, how much will 1 banana cost?

   (a) Rs.1.25   (b) Rs.12.5   (c) Rs.125

9. If 5 litres milk costs Rs.200, what is the cost of 3 litres of milk?

   (a) Rs.120   (b) Rs.240   (c) Rs.200

10. 5 scores of bananas Rs.20, find the cost of 35 bananas?

    (a) Rs.75   (b) Rs.31   (c) Rs.75

11. A car uses 20 litres of petrol for 100 km. How for will it run for 5 litres ?

    (a) 25km   (b) 20km   (c) 15km

12. **On which day was the lowest temperature recorded?**

(a) Day 1   (b) Day 2   (c) Day 3

13. **What was the highest temperature recorded?**

(a) 480C   (b) 450C   (c) 500 C

14. **What was the temperature recorded on day 4?**

(a) 480C   (b) 450C   (c) 70C

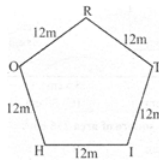15. **Was the temperature lower or higher on day 4 than day 2?**

(a) Lower   (b) higher   (c) equal

16. **What is the fall in temperature from day 2 to days 3?**

(a) 70C   (b) 90C   (c) 110C

17. **How many rectangles can be drawn with 24 cm as perimeter, given that the length of sides are positive integers?**

a) 7   b) 5   c) 9   d) 8
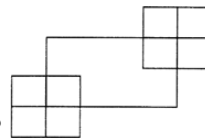

18. **Find the perimeter of the given figure.**

a) 50 cm   b) 44 cm   c) 60 cm   d) 40 cm

19. **What is the area of Square of side 12 cm?**

a) 196 cm^2 b) 144 cm^2 c) 121 cm^2 d) 114 cm^2

20. **The area of a rectangle is 180 Sq. cm. What is its length if its breadth is 12 cm?**

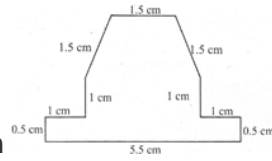a) 15 cm   b) 20 cm   c) 22 cm   d) 40 cm

21. **How many squares are there in the given figure?**

a) 13   b) 10   c) 14   d) 12

22. **Find the perimeter of the given figure.** 1.5 cm
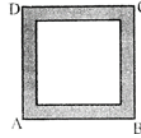
   a) 30 cm

   b) 15 cm

   c) 40 cm

   d) 20 cm

23. **Find the length of side of a square of area**

$$256 cm^2$$

   a) 16 cm

   b) 14 cm

   c) 36 cm

   d) 15 cm

24. **It is given that ABCD and EFGH are two squares and its sides are 14 cm and 10 cm**
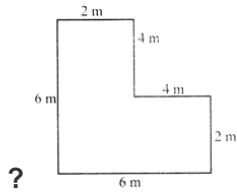

respectively, find the Area of the shaded region.

   a) 18 cm^2

   b) 96 cm^2

   c) 15 cm^2

   d) 94 cm^2

25. **Mrs. Razdan wants to use tiles of length 20 cm and breadth 10 cm to cover the floor of her balcony shown in the figure. What is the area of balcony? How many tiles does she need to buy**
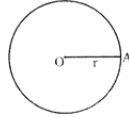
$$(1 Sqm = 10,000 Sq.cm)$$

?

a) 30 sq.m , 2000 tiles

b) 50 sq.m , 2000 tiles

c) 20 sq.m , 1000 tiles

d) 40 sq.m , 5000 tiles

26. **Find the area of the given figure.**

a) л2r   b) 2лr   c) л^2 d) лr^2

27. **What will happen to the area of a square if its side is doubled?**

a) 6 times

b) 8 times

c) 4 times

d) none of these

28. **A marble tile measure 25 cm by 20 cm. How many tiles be required to cover a wall of size 4 in by 3 m?**

a) 230   b) 120   c) 200   d) 240

29. **Find the cost of fencing a square park of side 30 m at the rate of Rs. 20 per meter,**

a) Rs. 2400

b) Rs. 27000

c) Rs. 23000

d) Rs. 26000

30. The total cost of flooring a room at Rs. 8.50 per Square meter is Rs. 510. If the length of the room is 8 meters, find its breadth

a) 6.5 m   b) 9.5 m   c) 7.5 m   d) 8.5 m