

BHARATH COACHING CENTRE

6th CBSE

Mensuration

Total: 50

Mathematics

Time: 2.00hrs

SECTION – A

$5 \times 1 = 5$

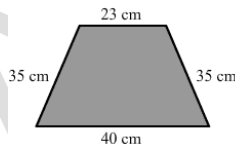
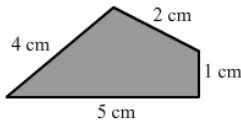
1. Write the formula to find area of a square.
2. Write the formula to find area of a rectangle.
3. Write the formula to find perimeter of a square.
4. Write the formula to find area of a triangle.
5. Write the formula to find perimeter of a rectangle.

SECTION – B

$5 \times 2 = 10$

6. Find the perimeter of a square whose side is 5m.
7. Find the perimeter of the rectangle whose length and breadth are 5cm and 4cm.
8. Find the side of a square whose perimeter is 16m.
9. Find the breadth of the rectangle whose perimeter is 360cm and the length is 140cm.
10. Find the perimeter of the following figure.

(i)



SECTION – C

$5 \times 3 = 15$

11. The perimeter of a rectangular pentagon is 100 cm. How long is each side?
12. Find the area of the rectangle whose length and breadth are 8cm and 3cm.
13. Find the area of a square whose area is 5.5cm.
14. The side of a square is 70 cm. Find its area and perimeter.
15. The perimeter of a square is 440cm, find the side and area of the square.

SECTION – D

$5 \times 4 = 20$

16. Area of a rectangle of breadth 17 cm is 340 cm^2 . Find the perimeter of the rectangle.

17. A marble tile measures $10\text{ cm} \times 12\text{ cm}$. How many tiles will be required to cover a wall of size $3\text{ m} \times 4\text{ m}$? Also, find the total cost of the tiles at the rate of Rs 2 per tile.
18. The dimensions of a photograph are $30\text{ cm} \times 20\text{ cm}$. What length of wooden frame is needed to frame the picture?
19. Find the cost of fencing a rectangular park of length 175 m and breadth 125 m at the rate of Rs 12 per meter.
20. Find the perimeter of a rectangle whose area is 500 cm^2 and breadth is 20 cm .