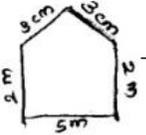
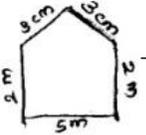


I. Choose the correct answer:

15x1=15

- The total length of the boundary of any closed figure is called \_  
 a. Area      b. Volume      c. Perimeter
- $3 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2$ .      a. 300      b. 30000      c. 3000
- Perimeter of rectangle =  $2 \times \underline{\hspace{2cm}}$  units.  
 a.  $1 \times b$       b.  $1 - b$       c.  $1 + b$
- Perimeter of triangle =  $\underline{\hspace{2cm}}$  of three sides.  
 a. Sum      b. Product      c. Division
- Shapes with the same perimeter may have different \_\_\_\_\_.  
 a. areas      b. sides      c. length
- $5 \text{ km}^2 = \text{m}^2$ .      a. 5000      b. 5000000      c. 50000
- Perimeter of Triangle with sides 6m,5m, 8m = \_\_\_\_\_.  
 a. 19m      b. 17m      c. 20m
- Area of a square =  $\underline{\hspace{2cm}}$ sq units.  
 a. side x side      b. rectangle      c. breadth x side
- $\underline{\hspace{2cm}}$  is the surface occupied by a closed figure.  
 a. wall      b. length      c. area
- The perimeter of the following figure is \_\_\_\_\_.  




- Perimeter of the shape with equal sides = No. of sides x \_\_\_\_ of a side.      a. Area      b. length      c. rectangle
- The word perimeter is derived from the \_\_\_\_\_ words 'peri and metron'.      a. Italic      b. Roman      c. Greek
- The Area of a rectangle = \_\_\_\_\_ sq units.  
 a. Perimeter      b.  $1 \times b$       c. side x side
- Perimeter of a square = \_\_\_\_\_ x side units.  
 a. 6      b. 4      c. 2
- $7 \text{ cm}^2 = \text{mm}^2$ .      a. 70000      b. 700      c. 7000

II. Match the following:

5x1=5

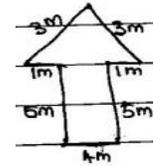
- |                          |   |                                            |
|--------------------------|---|--------------------------------------------|
| 16. Square               | - | 'Peri' and 'metron'                        |
| 17. $80000 \text{ cm}^2$ | - | $\frac{1}{2} \times (b \times h)$ sq.units |
| 18. Perimeter            | - | $8M^2$                                     |
| 19. Area of rectangle    | - | all sides are equal                        |
| 20. Area of Triangle     | - | length x breadth sq units                  |

III. Answer any ten of the following:

10x3=30

- The side of a square is 5cm. Find its perimeter.

- Find the perimeter of the given figure.



- Find the area of the square whose side is 7m.

- Fill in the blanks:

i.  $2 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$

ii.  $18 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2$

iii.  $5 \text{ km}^2 = \underline{\hspace{2cm}} \text{ m}^2$

- The length and breadth of a rectangle are 5cm and 8cm respectively. Find its area.

- A closed shape has 10 equal sides and one of its sides is 5cm. Find its perimeter.

- Find the area of a right angled Triangle if its base is 20cm and height is 40cm.

- Find the perimeter of an isosceles triangle with equal sides 8 cm each and third side is 5 cm.

- A square park has 40m as its perimeter. What is the length of its side?

- Find the perimeter of the rectangle whose length is 6m and breadth is 4 m.

- Find the length of the rectangular black board whose perimeter is 10m and the breadth is 3m.

- Find the side of the equilateral triangle of perimeter 90cm.

IV. Answer any four of the following:

4x5=20

- Find the unknown values of the square.

Side = 6cm, perimeter =? Area =?

- A field is in the shape of a right angled triangle whose base is 25m and height is 20m. Find the cost of levelling the field at the rate of ₹45/- per sq. m.

- A square of side 2cm is joined with a rectangle of length 15cm and breadth 10cm. Find the perimeter of the combined shape.

- Find the unknown values of the rectangle. Length = 13cm; Breadth = ?; Perimeter = 54cm Area = ?

- Your garden is in the shape of a square of side 5m. Each side is to be fenced with 2 rows of wire. Find how much amount is needed to fence the garden at ₹ 10/- per metre.

- A rectangle has length 40cm and breadth 20m. How many squares with sides 10cm can be formed from it.

V. FBT:

(5)

- Write any two examples for each perimeter and area.