

**BAL BHARATI PUBLIC SCHOOL  
GANGARAM HOSPITAL MARG  
SUMMATIVE ASSESSMENT 2  
MATHEMATICS  
CLASS VI**

**ASSIGNMENT NUMBER 14**

**CHAPTER: MENSURATION**

**Choose the correct option in question 1,2,3 and 4**

- Q.1** Breadth of rectangle = \_\_\_\_\_ perimeter – 1  
(a) 2                      (b)  $\frac{1}{2}$                       (c) 1                      (d) none
- Q.2** In which of the following perimeter is not used?  
(a) framing a photo  
(b) sowing seeds in a field  
(c) fencing a field  
(d) building a boundary wall of a house.
- Q.3** If length of rectangle is doubled and breadth is halved, then the new area becomes  
(a) double      (b) four times      (c) remains the same      (d) none of these
- Q.4** The perimeter of a rectangle of an area  $650 \text{ cm}^2$  whose breadth is 13 cm is \_\_\_\_\_  
(a) 112 cm      (b) 122cm      (c) 126 cm                      (d) none
- Q.5** The length of a rectangular field is 100m. If its perimeter is 300, what is its breadth?
- Q.6** A square piece of land has each side equal to 100m. If 3 layers of metal wire have to be used to fence it, what is the length of the wire needed?
- Q.7** Find the cost of fencing a rectangular park of length 175m and breadth 125m at the rate of Rs. 12 per metre.
- Q.8** The perimeter of a regular pentagon is 100 cm. How long is each side?
- Q.9** A rectangular piece of land measures 0.7 km by 0.5 km. Each side is to be fenced with four rows of wires. What is the length of the wire needed?
- Q.10** Find the side of a square whose perimeter is 90 cm.
- Q.11** Find the perimeter of a regular octagon with side 12.8 cm.
- Q.12** Find the side of a regular hexagon with perimeter 84 cm.
- Q.13** The area of a rectangle is  $225 \text{ cm}^2$  and its one side is 25 cm. Find its other side.

- Q.14 A rectangle has the area equal to that of a square of side 80cm. If the breadth of the rectangle is 20 cm, find its length.
- Q.15 Area of a rectangle of breadth 17cm is  $340 \text{ cm}^2$ . Find the perimeter of the rectangle.
- Q.16 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.
- Q.17 Find the cost of levelling a playground at Rs. 5 per square metre if it is 28m long and 16m wide. Also, find the cost of fencing it at Rs. 2.40 per metre.
- Q.18 Bhola and Raju bought one field each with dimensions 50m by 40m and 100m by 30m. They purchased the land at the rate of Rs. 500 per square metre. Who paid more and by how much?
- Q.19 How long will it take a boy to go around a regular pentagon of side 7m, at a speed of 5m per minute.
- Q.20 Sujit painted a wall of 45m by 30m and the money he got for his work was Rs.20 for per square m.How much money he made. He always gives half of his income to orphanage.Calculate how much money he gave to the orphanage. What value you learn from Sujit?