

## CHAPTER-6 | Perimeter and Area

QUIZ  
PART-02

1. A square is a quadrilateral whose:

- A. opposite sides are equal only
- B. all four sides are equal
- C. all angles are different
- D. only two sides are equal (B)

*Explanation:* A square has four equal sides.

2. The perimeter of a square is:

- A. side + side
- B.  $2 \times$  side
- C.  $3 \times$  side
- D.  $4 \times$  side (D)

*Explanation:* A square has 4 equal sides, so perimeter =  $4 \times$  side.

3. Which expression represents the perimeter of square ABCD?

- A.  $AB + BC$
- B.  $AB + BC + CD + DA$
- C.  $AB \times BC$
- D.  $2 \times AB$  (B)

*Explanation:* Perimeter means the sum of all four sides.

4. If each side of a square is AB, then its perimeter is:

- A.  $2 \times AB$
- B.  $3 \times AB$
- C.  $4 \times AB$
- D.  $AB \times AB$  (C)

*Explanation:* Since all 4 sides are equal, perimeter =  $AB + AB + AB + AB = 4 \times AB$ .

5. What is the perimeter of a square photo frame whose side is 1 m?

- A. 1 m
- B. 2 m
- C. 3 m
- D. 4 m (D)

*Explanation:* Perimeter =  $4 \times 1 \text{ m} = 4 \text{ m}$ .

6. The perimeter of a square is four times:

- A. its area
- B. the length of one side
- C. the diagonal
- D. the breadth (B)

*Explanation:* Perimeter of a square =  $4 \times$  length of one side.

7. A square park has side 75 m. What is its perimeter?

- A. 150 m
- B. 225 m
- C. 300 m
- D. 375 m (C)

*Explanation:* Perimeter =  $4 \times 75 = 300 \text{ m}$ .

8. If Usha takes 3 rounds of a square park of side 75 m, how far does she travel?

- A. 300 m
- B. 600 m
- C. 750 m
- D. 900 m (D)

*Explanation:* One round = 300 m, so 3 rounds =  $3 \times 300 = 900 \text{ m}$ .

9. What is the perimeter of a square whose side is 4 m?

- A. 8 m
- B. 12 m
- C. 16 m
- D. 20 m (C)

*Explanation:* Perimeter =  $4 \times 4 = 16 \text{ m}$ .

10. If the perimeter of a square is 40 m, what is its side?

- A. 5 m
- B. 10 m
- C. 15 m
- D. 20 m (B)

*Explanation:* Side =  $40 \div 4 = 10 \text{ m}$ .