

## Perimeter and Area of Quadrilaterals

### Multiple choice questions

- 1) What is the distance covered by an athlete in one round of a squared shape path, which has length of each of its sides as 40 m?
  - a) 40 m
  - b) 80 m
  - c) 120 m
  - d) 160 m
  
- 2) What is the perimeter of a rectangle of size 10 cm  $\times$  12 cm?
  - a) 22 cm
  - b) 55 cm
  - c) 33 cm
  - d) 44 cm
  
- 3) The per square foot cost of painting a rectangular wall with an area of 200 square feet is \$2. How much will it cost to paint the wall completely?
  - a) \$400
  - b) \$300
  - c) \$200
  - d) \$100
  
- 4) Cost of fencing a squared shape path with each of its side of 12 m at the rate of \$5 per metre is
  - a) \$200
  - b) \$220
  - c) \$240
  - d) \$260
  
- 5) The area of a rectangle is 240 cm<sup>2</sup>. Its length is 12 cm. The breadth will be
  - a) 20 cm
  - b) 22 cm
  - c) 24 cm
  - d) 26 cm

- 6) If length and breadth of rectangle is doubled, then its area will
- remains same
  - be 2 times area of the old rectangle
  - be 4 times area of the old rectangle
  - be 8 times area of the old rectangle
- 7) Area of the floor is  $10000 \text{ cm}^2$  and the area of a tile used to cover the floor is  $500 \text{ cm}^2$ . How many tiles are required to cover the whole floor?
- 10
  - 15
  - 30
  - 20
- 8) The length and breadth of a rectangle are in the ratio of 3 : 4. Its area is  $1200 \text{ cm}^2$ . What should be the length and breadth of the rectangle?
- 30 cm and 40 cm
  - 40 cm and 30 cm
  - 36 cm and 48 cm
  - 48 cm and 36 cm
- 9) If the sides of a square are doubled then its area will
- be 6 times area of the old square
  - be 2 times area of the old square
  - be 4 times area of the old square
  - remain same
- 10) How many times will the new area of a rectangle be if its length remains same and breadth is doubled?
- 6 times area of the old rectangle
  - 4 times area of the old rectangle
  - 2 times area of the old rectangle
  - remains same