

Objective Type Exercise

Q.1 Each questions has four possible answers. Choose the correct answer and encircle it.

- ___ 1. Area of a square having side 4cm is equal to
 (a) 30 sq. cm (b) 16 sq. cm
 (c) 8 sq. cm (d) 20 sq. cm
- ___ 2. Perimeter of square having side 5 cm is
 (a) 20 cm (b) 10 cm (c) 15cm (d) 25cm
- ___ 3. Each angle of a square is
 (a) 30° (b) 60° (c) 90° (d) 180°
- ___ 4. Area of rectangle having sides 8 cm and 5 cm is
 (a) 13 sq. cm (b) 40 sq. cm (c) 45 sq. cm (d) 30 sq. cm
- ___ 5. Area of parallelogram having 'a' and b as adjacent sides and θ is the included angles is
 (a) $ab\cos\theta$ (b) $\frac{1}{2}ab\sin\theta$
 (c) $ab\sin\theta$ (d) $asin\theta$
- ___ 6. Area of parallelogram having base 2cm and height 5cm is
 (a) 20 sq. cm. (c) 30 sq. cm.
 (c) 15 sq. cm. (d) 10 sq. cm.
- ___ 7. Area of rhombus of side 20 cm and included angle 30° is
 (a) 100 sq. cm (b) 200 sq. cm.
 (c) 400 sq. cm (d) 50 sq. cm
- ___ 8. If diagonals of rhombus are 6 cm and 5 cm, then area is
 (a) 15 sq. cm (b) 30 sq. cm
 (c) 10 sq. cm (d) 11sq. cm
- ___ 9. If $a = 4\text{cm}$ and $b = 8\text{cm}$ are parallel sides and $h = 5\text{ cm}$ distance between them, then area of trapezoid is
 (a) 12 sq. cm (b) 40 sq. cm
 (c) 30 sq. cm (d) 20 sq. cm
- ___ 10. A four sided figure whose two sides are parallel and two sides non-parallel is called
 (a) Rectangle (b) Parallelogram
 (c) Trapezium (d) Rhombus
- ___ 11. The length of the diagonal of a square of side 'x' is
 (a) $\sqrt{2}\cdot x$ sq. unit (b) $2\sqrt{2x}$ sq. cm
 (c) $4\sqrt{2x}$ (d) $\sqrt{2x}$ sq. cm
- ___ 12. The area of a rhombus 24 sq. cm and one diagonal is 6 cm. Then other diagonal will be
 (a) 8cm (b) 10cm (c) 4cm (d) 36cm

- __ .13 If perimeter of a square is 40cm, then side of square is
(a) 4cm (b) 20cm (c) 10cm (d) 5cm

Answers

- | | | | | | | | |
|------|---|------|---|------|---|------|---|
| (1) | b | (2) | a | (3) | c | (4) | b |
| (5) | c | (6) | d | (7) | b | (8) | a |
| (9) | c | (10) | c | (11) | a | (12) | a |
| (13) | c | | | | | | |