

Objective type Questions

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

- ___ 1. Plane figures are those figures which occupy an area with only
 - (a) Two dimensions
 - (b) Three dimensions
 - (c) 4-dimensions
 - (d) None of these
 - ___ 2. A right triangle has one angle is
 - (a) 30°
 - (b) 90°
 - (c) 60°
 - (d) 45°
 - ___ 3. Each angle of an acute triangle is
 - (a) Less than 90°
 - (b) greater than 90°
 - (c) Equilate 90°
 - (d) None of these
 - ___ 4. An obtuse triangle has one angle greater than
 - (a) 60°
 - (b) 30°
 - (c) 90°
 - (d) None of these
 - ___ 5. In an equilateral triangle, each angle is
 - (a) 30°
 - (b) 45°
 - (c) 60°
 - (d) None of these
 - ___ 6. Area of an equilateral triangle with side 'x' is
 - (a) $\frac{\sqrt{3}}{4}x^2$
 - (b) $\frac{\sqrt{3}}{2}x^2$
 - (c) $\frac{2}{\sqrt{3}}x$
 - (d) None of these
 - ___ 7. Area of right triangle if base = 4cm, height = 6cm
 - (a) 24 sq. cm
 - (b) 12 sq. cm
 - (c) 6 sq. cm
 - (d) 10 sq. cm
 - ___ 8. If a = 4cm, side of equilateral triangle, then area of equilateral triangle is
 - (a) $\frac{\sqrt{3}}{4}$ sq. cm.
 - (b) $\frac{\sqrt{3}}{2}$ sq. cm.
 - (c) $4\sqrt{3}$ sq. cm.
 - (d) $\sqrt{3}$ sq. cm.
 - ___ 9. If a = 2cm, b = 3cm , c = 5cm sides of triangle, then perimeter of triangle is
 - (a) 8cm
 - (b) 6cm
 - (c) 10cm
 - (d) 30cm
 - ___ 10. If a = 4cm, b = 2cm are adjacent sides of triangle and $\theta = 30^\circ$ is the included angle then area is
 - (a) 2 sq. cm
 - (b) 4 sq. cm
 - (c) 8 sq. cm
 - (d) 12 sq. cm
 - ___ 11. Number of sides equal in isosceles triangle are
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
- Answer**
- Q.1 (1) a (2) b (3) a (4) c
 (5) c (6) a (7) b (8) c
 (9) c (10) a (11) b