Polygon

Multiple choice questions

1) A polygon with 5 sides is called as
   a) hexagon
   b) decagon
   c) pentagon
   d) nonagon

2) A polygon with 8 sides is called as
   a) hexagon
   b) heptagon
   c) octagon
   d) decagon

3) In convex polygon, each angle of polygon is
   a) $= 90^0$
   b) $= 180^0$
   c) $< 90^0$
   d) $< 180^0$

4) In concave polygon, at least one angle of polygon is
   a) $< 90^0$
   b) $< 180^0$
   c) $> 90^0$
   d) $> 180^0$

5) A polygon is said to be regular polygon, if all of its
   a) interior angles are equal
   b) exterior angles are equal
   c) sides are equal
   d) all of these

6) At each vertex of polygon, the sum of interior angle and exterior angle is equal to
   a) 90^0
   b) 180^0
   c) 270^0
   d) 360^0

7) The regular polygon with three sides is a
   a) isosceles triangle
   b) equilateral triangle
   c) scalene triangle
   d) rhombus

8) The least number of sides in a polygon is
   a) 2
   b) 4
   c) 1
   d) 3

9) The sum of interior angles of a polygon with 7 sides is
   a) 900°
   b) 800°
   c) 700°
   d) 540°

10) If the sum of interior angles of a polygon is 1440° then the number of sides of the polygon are
   a) 15
   b) 10
   c) 11
   d) 14