OBJECTIVE

1. A triangle having two sides congruent is called: ___
   (a) Scalene (b) Right angled
   (c) Equilateral (d) Isosceles
2. A quadrilateral having each angle equal to 90° is called ____
   (a)Parallelogram (b)Rectangle
   (c)Trapezium (d) Rhombus
3. The right bisectors of the three sides of a triangle are ___
   (a)Congruent (b) Collinear
   (c)Concurrent (d) Parallel
4. The __ altitudes of an isosceles triangle are congruent:
   (a)Two (b) Three
   (c)Four (d) None

5. A point equidistant from the end points of a line segment is on its __
(a)Bisector (b)Right bisector
(c)Perpendicula (d) Median

6. ___ congruent triangles can be made by joining the mid points of the sides of a triangle:
(a)Three (b) Four
(c)Five (d) Two

7. The diagonals of a parallelogram ___ each other:
(a)Bisect (b) Trisect
(c)Bisect at right angle
(d) None of these

8. The median of a triangle cut each other in the ratio:
(a)4:1 (b) 3:1
(c)2:1 (d) 1:1

9. One angle on the base of an isosceles triangle is 30°. What is the measure of its vertical angle:
(a)30° (b) 60°
(c)90° (d) 120°

10. If the three altitudes of a triangle are congruent then the triangle is __
(a)Equilateral (b) Right angled
(c)Isosceles (d) Acute angled

11. If two medians of a triangle are congruent then the triangle will be:__
(a)Isosceles (b) Equilateral
(c)Right angled (d) Acute angled

12. A line segment joining a vertex of a triangle to the midpoint of its opposite side is called a ___ of the triangle:
(a)Altitude (b) Median
(c)Angle bisector (d) Right bisector

13. A line segment from a vertex of triangle perpendicular to the line containing the opposite side, is called an __ of the triangle:
(a)Altitude (b) Median
(c)Angle bisector (d) Right bisector

14. The point of concurrency of the three altitudes of a Δ is called its ___
(a)Ortho centre (b) In centre
(c)Circum centre (d) None

15. The internal bisector of the angle of a triangle meet at a point called the _____ of the triangle:
(a)In centre (b) Ortho centre
(c)Circum centre (c) None

16. The point of concurrency of the three perpendicular bisectors of the sides of a triangle is called the ____ of the triangle.
(a) Circum centre (b) In centre
(c) Ortho centre (d) None

ANSWER KEY

1.	d	**2.**	b	**3.**	c	**4.**	a	**5.**	b
6.	b	**7.**	a	**8.**	c	**9.**	d	**10.**	a
11.	a	**12.**	b	**13.**	a	**14.**	a	**15.**	a
16.	a								