

Loci and Construction

Sr	Questions	Answers Choice
1	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
2	The right bisectors of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
3	In right -angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute, one obtuse
4	The angle bisectors of the angles of a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel
5	The point of concurrency of the three altitudes of a triangle is called.	A. Ortho centre B. In centre C. Circumcentre D. Centroid
6	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
7	The set of all points which is farther than 2 km from a fixed point B is a region outside a circle of radius..... and centre at B.	A. 1 km B. 1.9 km C. 2 km D. 2.1 km
8	Locus of all points equidistant from a fixed point is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel bisector
9	In-centre is the point of concurrency of three..... of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
10	The angle bisectors of a triangle intersect at.....	A. One point B. Two points C. Three points D. Four points
11	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right
12	Which of the following cannot be constructed with compass.	A. 15° B. 30° C. 45° D. 95°
13	Sum of interior angles of a triangle is.	A. 60° B. 120° C. 180° D. 240°
14	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
15	The garbage dumping area must be 5 km away from the city. Which locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines

16	Ortho centre is the point of concurrency of three.....of triangle	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
17	The in center of any triangle always liesthe triangle.	A. Outside B. Inside C. Midpoint D. On base of
18	An equilateral triangle.....	A. can be isosceles B. Can be right angled C. Can be obtuse angled D. Has each angle equal to 50°
19	The ortho center of an acute triangle liesof triangle.	A. Inside B. Outside C. Midpoint D. Vertex of
20	The line segment joining the midpoint of a side to its opposite vertex in a triangle is called.	A. Median B. Perpendicular bisector C. Angle bisector D. Circle