

Loci and Construction

Sr	Questions	Answers Choice
1	Sum of interior angles of a triangle is.	A. 60 B. 120 C. 180 D. 240
2	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
3	The angle bisectors of the angles of a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel
4	a triangle having all sides equal is called.	A. Isosceles B. Scalene C. Equilateral D. Right
5	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right
6	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
7	Circumcentre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
8	The point of concurrency of the three altitudes of a triangle is called.	A. Ortho centre B. In centre C. Circumcentre D. Centroid
9	The point of concurrency of the three perpendicular bisectors of the sides of a triangle is called.	A. Circumcentre B. In centre C. Ortho centre D. Centroid
10	A locus of point equidistant from a line segment creates a shape.	A. Circle B. Triangle C. Square D. Rectangle
11	A triangle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral D. Isosceles
12	The in center of any triangle always liesthe triangle.	A. Outside B. Inside C. Midpoint D. On base of
13	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
14	If the sum of the measures of two angles is less than 90° , then the triangle is.....	A. Equilateral B. Acute angled C. Obtuse angled D. Right angled
15	The circum center of right triangle lies on the.....of triangle.	A. Vertex B. Altitude C. Hypotenuse D. Base

16	A triangle can be constructed if the sum of the measure of any two sides is the measure of the third side.	A. Less than B. Greater than C. Equal to D. Greater than and equal to
17	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
18	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
19	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
20	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines