

Loci and Construction

Sr	Questions	Answers Choice
1	Locus of all points equidistant from a fixed point is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel bisector
2	A perpendicular from a vert of traingl to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
3	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
4	If in center, circumcenter, orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
5	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
6	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right
7	A tringle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral D. Isosceles
8	The point of concurrency of the three right bisectors of the sides of a traingle is called.	A. Circumcentre B. In centre C. Ortho centre D. Centroid
9	The circum center or right traingle lies on the.....of triangle.	A. Vertex B. Altitude C. Hypotenuse D. Base
10	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
11	To find the location eqidistant from two towns, which locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
12	Sum of interior anglesof a triangle is.	A. 60° B. 120° C. 180° D. 240°
13	Ortho centre is thre point of concurrency of three.....of triangle	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
14	a traingle having all sides equal is called.	A. Isosceles B. Scalene C. Equilateral D. Right
15	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. 2.1km

16	The right bisectors of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
17	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
18	Circumcentre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
19	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
20	The angle bisectors of the angles of a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel