

Loci and Construction

Sr	Questions	Answers Choice
1	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
2	A locus of point equidistant from a line segment creates a shape.	A. Circle B. Triangle C. Sausage D. Rectangle
3	The right bisectors of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
4	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
5	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
6	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
7	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right
8	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
9	Sum of interior angles of a triangle is.	A. 60° B. 120° C. 180° D. 240°
10	In right-angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute, one obtuse
11	To find the location equidistant from two towns, which locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
12	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
13	Ortho centre is the point of concurrency of three..... of triangle	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
14	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
15	Locus of all points equidistant from a fixed point is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel bisector

16	The angle bisectors of a triangle intersect at.....	A. One point B. Twopoint C. Three point D. Four points
17	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
18	The point of concurrency of the three altitudes of a angle is called.	A. Ortho centre B. In centre C. Circomcentre D. Centroid
19	Locus is a.....word.	A. English B. German C. French D. Latin
20	If two medians of a traingle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled