

Loci and Construction

Sr	Questions	Answers Choice
1	A perpendicular from a vertex of a triangle to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
2	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
3	The point of concurrency of the three altitudes of a triangle is called.	A. Ortho centre B. In centre C. Circumcentre D. Centroid
4	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
5	A locus of point equidistant from a line segment creates a shape.	A. Circle B. Triangle C. Sausage D. Rectangle
6	Circumcentre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
7	In-centre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
8	In right-angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute, one obtuse
9	The in center of any triangle always liesthe triangle.	A. Outside B. Inside C. Midpoint D. On base of
10	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
11	A triangle having all sides equal is called.	A. Isosceles B. Scalene C. Equilateral D. Right
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	If two medians of a triangle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
14	Sum of interior angles of a triangle is.	A. 60° B. 120° C. 180° D. 240°
15	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value

16	The angle bisectors of a triangle intersect at.....	A. One point B. Twopoint C. Three point D. Four points
17	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
18	Which of the following cannot be constructed with compass.	A. 15° B. 30° C. 45° D. 95°
19	Locus is a.....word.	A. English B. German C. French D. Latin
20	The ortho center of an acute triangle liesof triangle.	A. Inside B. Outdise C. Midpoint D. Vertex of
