

Loci and Construction

Sr	Questions	Answers Choice
1	The in center of any triangle always liesthe triangle.	A. Outside B. Inside C. Midpoint D. On base of
2	If two medians of a triangle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
3	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
4	The right bisectors of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
5	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
6	The angle bisectors of a triangle intersect at.....	A. One point B. Two point C. Three point D. Four points
7	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right
8	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
9	The ortho center of an acute triangle liesof triangle.	A. Inside B. Outside C. Midpoint D. Vertex of
10	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
11	A perpendicular from a vertex of a triangle to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
12	The point of concurrency of the three altitudes of a triangle is called.	A. Ortho centre B. In centre C. Circumcentre D. Centroid
13	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
14	A locus is a set of points that follow a given.	A. Instructions B. rule C. variable D. value
15	An equilateral triangle.....	A. can be isosceles B. Can be right angled C. Can be obtuse angled D. Has each angle equal to 50

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- 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
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- 17 a triangle having all sides equal is called.
- A. Isosceles
B. Scalene
C. Equilateral
D. Right
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- 18 Circumcentre is the point of concurrency of three.....of triangle.
- A. Right bisectors
B. Angle bisectors
C. Altitudes
D. Medians
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- 19 Ortho centre is the point of concurrency of three.....of triangle
- A. Right bisectors
B. Angle bisectors
C. Altitudes
D. Medians
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- 20 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
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