Loci and Construction

Sr	Questions	Answers Choice
1	A traingle canbe 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
2	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
3	The circum center or right traingle lies on the.....of triangle.	A. Vertex B. Altitude C. Hypotenuse D. Base
4	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
5	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
6	Circumcentre is the point of concurrency of three.....of traingle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
7	Locus of all points equidistant from a fixed point is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel bisector
8	a traingle having all sides equal is called.	A. Isosceles B. Scalene C. Equilateral D. Right
9	A locus of point equidistant from a line segment creates a shape.	A. Circle B. Triangle C. Sausage D. Rectangle
10	In-centre si the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
11	The angle bisectors of a triangle interesect at.....	A. One point B. Twopoint C. Three point D. Four points
12	The angle bisectors of the anglesof a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel
13	Which of the following cannot be constructed with compass.	A. 15 ^o B. 30 ^o C. 45 ^o D. 95 ^o
14	The in center of any triangle alwyas lies .....the triangle.	A. Outside B. Inside C. Midpoint D. On base of
15	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines

16	If in center, circumcenter,orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
17	In right -angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute,one obtuse
18	A triangle having all sides different is called	A. Isoseles B. Scalene C. Equilateral D. Right
19	The ortho center of an acute triangle lies .....of triangle.	A. Inside B. Outdise C. Midpoint D. Vertex of
20	The point of concurrency of the three altitudes of a angle is called.	A. Ortho centre B. In centre C. Circomcentre D. Centroid