Loci and Construction

Sr	Questions	Answers Choice
1	Circumcentre is the point of concurrency of three.....of traingle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
2	The garbage dumping area must be 5 km away from the city.Whcih locus do we have to draw.	A. Circle B. Right bisector C. Angle bisector D. Parallel lines
3	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
4	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
5	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
6	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
7	The point of concurrency of the three altitudes of a angle is called.	A. Ortho centre B. In centre C. Circomcentre D. Centroid
8	A triangle having all sides different is called	A. Isoseles B. Scalene C. Equilateral D. Right
9	Which of the following cannot be constructed with compass.	A. 15 ^o B. 30 ^o C. 45 ^o D. 95 ^o
10	The in center of any triangle alwyas lies .....the triangle.	A. Outside B. Inside C. Midpoint D. On base of
11	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
12	The angle bisectors of a triangle interesect at.....	A. One point B. Twopoint C. Three point D. Four points
13	The circum center or right traingle lies on the.....of triangle.	A. Vertex B. Altitude C. Hypotenuse D. Base
14	If in center, circumcenter,orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
15	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square

16	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
17	If the sum of the measures of two angles is less than 90 ^{o}, then the triangle is.....	A. Equilateral B. Acute angled C. Obtuse angled D. Right angled
18	In-centre si the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
19	The ortho center of an acute triangle lies .....of triangle.	A. Inside B. Outdise C. Midpoint D. Vertex of
20	An equilateal traingl.....	A. can be isosceles B. Can be right angled C. Can be obtuse angled D. Has each angle equal to 50 ^o