Loci and Construction

Sr	Questions	Answers Choice
1	A triangle having all sides different is called	A. Isoseles B. Scalene C. Equilateral D. Right
2	Sum of interior anglesof a triangle is.	A. 60 ^{o} B. 120 ^{o} C. 180 ^{o} D. 240 ^{o}
3	A perpendicular from a vert of traingl to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
4	If in center, circumcenter,orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
5	Locus of points equidistant fromtwo fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
6	The right bisectos of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
7	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
8	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
9	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho centre C. Circumcentre D. Centroid
10	The point of concurrency of the three altitudes of a angle is called.	A. Ortho centre B. In centre C. Circomcentre D. Centroid
11	A locus of point equidistant from a line segment creates a shape.	A. Circle B. Triangle C. Sausage D. Rectangle
12	The angle bisectors of the anglesof a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel
13	Point of concurrency of three medians of a triangle is called its.	A. In centre B. Ortho centre C. Centroid D. Circumcentre
14	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
15	Locus is a.....................word.	A. English B. German C. French D. Latin

16	The angle bisectors of a triangle interesect at..............	A. One point B. Twopoint C. Three point D. Four points
17	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
18	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
19	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
20	Which of the following can be constructed by compass.	A. 105° B. 125° C. 130° D. 55°