Loci and Construction

Sr	Questions	Answers Choice
1	The in center of any triangle alwyas lies ....the triangle.	A. Outside B. Inside C. Midpoint D. On base of
2	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
3	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
4	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
5	The point of concurrency of the three altitudes of a angle is called.	A. Ortho centre B. In centre C. Circomcentre D. Centroid
6	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
7	Which of the following cannot be constructed with compass.	A. 15° B. 30° C. 45° D. 95°
8	If in center, circumcenter,orthocenter and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
9	In-centre si the point of concurrency of three............of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
10	In right -angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute D. One acute,one obtuse
11	If two medians of a traingle are congruent thent he triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
12	The bisectors of the angles of a triangle meet at a point called.	A. In centre B. Ortho 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	Ortho centre is thre point of concurrency of three............of triangle	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
15	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

16	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
17	The angle bisectors of a triangle interesect at.............	A. One point B. Twopoint C. Three point D. Four points
18	An equilateal traingl...................	A. can be isosceles B. Can be right angled C. Can be obtuse angled D. Has each angle equal to 50°
19	A locus of point equidistant from a line segment creates a shape.	A. Circle B. Triangle C. Sausage D. Rectangle
20	A tringle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral D. Isosceles