

Mathematics 9th Class English Medium Unit 11 Online Test

Sr	Questions	Answers Choice
1	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
2	An equilateral triangle.....	A. can be isosceles B. Can be right angled C. Can be obtuse angled D. Has each angle equal to 50°
3	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
4	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
5	The angle bisectors of a triangle intersect at.....	A. One point B. Two points C. Three points D. Four points
6	Locus of all points equidistant from a fixed point is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel bisector
7	Locus of points equidistant from two fixed points is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
8	Locus of point equidistant from a fixed line is.	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
9	Locus of points equidistant from two intersecting lines is	A. Circle B. Perpendicular bisector C. Angle bisector D. Parallel lines
10	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. 2.1 km
11	Which of the following is used to measure the angle.	A. Compass B. Protector C. Scale D. Set square
12	Which of the following can be constructed by compass.	A. 105° B. 125° C. 130° D. 55°
13	Which of the following cannot be constructed with compass.	A. 15° B. 30° C. 45° D. 95°
14	Sum of interior angles of a triangle is.	A. 60° B. 120° C. 180° D. 240°
15	In right-angled triangle one angle is right, other two angles are.	A. Right B. Obtuse C. Acute

		D. One acute, one obtuse
16	a triangle having all sides equal is called.	A. Isosceles B. Scalene C. Equilateral D. Right
17	A triangle having all sides different is called	A. Isosceles B. Scalene C. Equilateral D. Right
18	A triangle having two sides congruent is called.	A. Scalene B. Right angled C. Equilateral D. Isosceles
19	The right bisectors of the three sides of a triangle are.	A. Congruent B. Collinear C. Concurrent D. Parallel
20	The angle bisectors of the angles of a triangle are	A. Congruent B. Collinear C. Concurrent D. Parallel
21	If two medians of a triangle are congruent then the triangle will be	A. Isosceles B. Equilateral C. Right angled D. Acute angled
22	A perpendicular from a vertex of a triangle to the opposite side is called.	A. Altitude B. Median C. Angle bisector D. Right bisector
23	The point of concurrency of the three altitudes of a triangle is called.	A. Orthocentre B. Incentre C. Circumcentre D. Centroid
24	The bisectors of the angles of a triangle meet at a point called.	A. Incentre B. Orthocentre C. Circumcentre D. Centroid
25	The point of concurrency of the three perpendicular bisectors of the sides of a triangle is called.	A. Circumcentre B. Incentre C. Orthocentre D. Centroid
26	Point of concurrency of three medians of a triangle is called its.	A. Incentre B. Orthocentre C. Centroid D. Circumcentre
27	Incentre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
28	Circumcentre is the point of concurrency of three.....of triangle.	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
29	Orthocentre is the point of concurrency of three.....of triangle	A. Right bisectors B. Angle bisectors C. Altitudes D. Medians
30	If incentre, circumcentre, orthocentre and centroid of a triangle coincide then triangle is.	A. Isosceles B. Equilateral C. Right angled D. Acute angled
31	The circumcentre of a right triangle lies on the.....of triangle.	A. Vertex B. Altitude C. Hypotenuse D. Base
32	The orthocentre of an acute triangle liesof triangle.	A. Inside B. Outside C. Midpoint D. Vertex of
33	The orthocentre of an obtuse triangle liesof triangle.	A. Outside B. Inside

33	The in center of any triangle always liesthe triangle.	<p>B. In base</p> <p>C. Midpoint</p> <p>D. On base of</p>
34	Locus is a.....word.	<p>A. English</p> <p>B. German</p> <p>C. French</p> <p>D. Latin</p>
35	A locus is a set of points that follow a given.	<p>A. Instructions</p> <p>B. rule</p> <p>C. variable</p> <p>D. value</p>
36	To find the location equidistant from two towns, which locus do we have to draw.	<p>A. Circle</p> <p>B. Right bisector</p> <p>C. Angle bisector</p> <p>D. Parallel lines</p>
37	The garbage dumping area must be 5 km away from the city. Which locus do we have to draw.	<p>A. Circle</p> <p>B. Right bisector</p> <p>C. Angle bisector</p> <p>D. Parallel lines</p>
38	A locus of point equidistant from a line segment creates a shape.	<p>A. Circle</p> <p>B. Triangle</p> <p>C. Sausage</p> <p>D. Rectangle</p>