General Math 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The area of an equilateral triangle with side 'a' is:	A. 1.5πr² B. 3a²/2 C. <img src="http://cdn.ttgtmedia.com/rms/whatIs/sqr-1.gif" alt="" style="border: 0px; max-width: 600px; color: rgb(102, 102, 102); font-family: "NeueHaasGroteskText W01", Helvetica, Arial, sans-serif; font-size: 18px; text-align: -webkit-center;">3a²/2 D. 2πr²
2	The side opposite to a right angle in a right angled triangle is called:	A. base B. altitude C. hypotenuse D. perpendicular
3	The square of the hypotenuse is equal to the sum of the square of two sides, this statement is called:	A. Factor theorem B. Hero's formula C. Ratio formula D. pythagoras theorem
4	If the centers of two circles lie in either side of the common tangent then it is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
5	If the points of contact of a common tangent to the two circles are on the same side of the line joining their centers, then this common tangent is called:	A. external tangent B. internal tangent C. concyclic tangent D. concentric tangent
6	The midpoint of the diameter of a circle is called:	A. radius B. chord C. center D. tangent
7	An equilateral rectangle is called a:	A. polygon B. quadrilateral C. parallelogram D. square
8	A parallelogram containing a right angle is called a:	A. quadrilateral B. square C. rectangle D. equilateral
9	Medians to the equal sides of an isosceles triangle are:	A. congruent B. equal C. similar D. unequal
10	The centroid of a triangle divides each one of the medians in the ratio:	A. 1:1 B. 1:2 C. 2:1 D. 2:2
11	All the altitudes are equal of an:	A. rectangle B. scalene triangle C. isosceles triangle D. equilateral triangle
12	The altitude of a triangle are:	A. concurrent B. collinear C. non-collinear D. non-concurrent

13	The number of angle bisectors of a triangle is:	A. 1 B. 2 C. 3 D. 4
14	The point of intersection of the perpendicular bisectors of the sides of a triangle meet, is called:	A. circum-center of the triangle B. incenter of the triangle C. centroid of the triangle D. orthocenter of the triangle
15	A line segment joining a vertex to the midpoint of the side opposite to the vertex is called:	A. altitude of the triangle B. side bisector of the triangle C. angle bisector of the triangle D. median of the triangle