

## Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Number of ways to solve quadratic equation are:	A. 1 B. 2 C. 3 D. 4
2	Number of terms in standard Quadratic Equation $ax^2+bx+c = 0$	A. 1 B. 2 C. 3 D. 4
3	Equation $3^{2-x} + 6 = 0$ is of type:	A. Exponential B. Radical C. Reciprocal D. Non
4	Solution set of equation $5x^2-125 = 0$ is:	A. {5} B. {10} C. {-5}
5	How many common tangents can be drawn for two disjoint circles ?	A. 2 B. 3 C. 4
6	If the two circles touches externally, then the distance between their centres is equal to the:	A. Difference of their radii B. Sum of their radii C. Product of their radii
7	If the distance between the centres of two circles is equal to the sum of their radii, then the circles will:	A. Intersect B. Do not intersect C. Touch each other externally
8	How many tangents can be drawn from a point outside the circle ?	A. 1 B. 2 C. 3
9	The lengths of two transverse tangents to a pair of circles are:	A. Unequal B. Equal C. Overlapping
10	Tangents drawn at the end points of the diameter of a circle are:	A. Parallel B. Perpendicular C. Intersecting
11	The measure of the external angles of a regular octagon is:	
12	If the incentre and circumcentre of a triangle coincide, the triangle is:	A. An isosceles B. A right triangle C. An equilateral
13	The measure of the external angles of a regular hexagon is:	
14	If two circles touch each other, their centres and point of contact are:	A. Coincident B. Non-collinear C. Collinear
15	Circles having three points in common:	A. Overlapping B. Collinear C. Not coincide