

Mathematics 10th Class English Medium Online Test

| Sr | Questions | Answers Choice |
|----|---|---|
| 1 | In ax^2+bx+c , the constant term is: | A. a B. b C. c D. d |
| 2 | In ax^2+bx+c , the co-efficient of x is: | A. b B. d C. c D. a |
| 3 | In ax^2+bx+c , the co-efficient of x^2 is: | A. c B. b C. d D. a |
| 4 | A second degree equation in one variable x is of the form: | A. ax^2+bx+c B. ax^2+bx+c C. $ax+bx+c$ D. ax^2+bx+c |
| 5 | Quadratic equation is also known as equation of: | A. Standard form B. Polynomials C. Second degree D. Higher order |
| 6 | _____ Common tangents can be drawn for two touching circles: | A. 2 B. 3 C. 4 D. 5 |
| 7 | An angle inscribed in a semicircle is: | |
| 8 | The measure of a central angle of minor arc of a circle is _____ that of the angle subtends by corresponding major arc: | A. Half B. Equal C. Double D. Triple |
| 9 | In an arc of circle subtends a central angle 60° , then corresponding chord will make central angle: | A. 20° B. 40° C. 60° D. 80° |
| 10 | An arc subtends a central angle of 40° then corresponding chord will subtend a central angle of _____: | A. 20° B. 40° C. 60° D. 80° |
| 11 | How many tangents can be drawn from a point outside it ? | A. 1 B. 2 C. 3 D. 4 |
| 12 | The tangent and radius of a circle at the point of contact are _____: | A. Parallel B. Not perpendicular C. Perpendicular D. None of these |
| 13 | Line intersecting a circle is called: | A. Tangent B. Secant C. Chord D. Diameter |
| 14 | Through how many non-collinear points a circle can pass ? | A. One B. Two C. Three D. Four |
| 15 | Locus of a point in the plane equidistant from a fixed point is called: | A. Radius B. Circle C. Circumference D. Diameter |