

## Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The tangent and radius of a circle at the point of contact are:	A. Parallel B. Not perpendicular C. Perpendicular
2	The length of the diameter of a circle is how many times the radius of the circle:	A. 1 B. 2 C. 3
3	Angle inscribed in a semi-circle is:	
4	The Portion of a circle between two radii and an arc is called:	A. Sector B. Segment C. Chord
5	A line intersecting a circle is called:	A. Tangent B. Secant C. Chord
6	The circumference of circle is called:	A. Chord B. Segment C. Boundary
7	The arcs opposite to incongruent central angles of a circle are always:	A. Congruent B. Incongruent C. Parallel D. Perpendicular
8	If a chord of a circle subtends a central angle of $60^\circ$ , then the length of the chord and the radial segment arc:	A. Congruent B. Incongruent C. Parallel D. Perpendicular
9	The chord length of a circle subtending a central angle of $180^\circ$ is always:	A. Less than radial segment B. Equal to the radial segment C. Double of the radial segment D. None of these
10	The semi circumference, and the diameter of a circle both subtend a central angle of:	A. $90^\circ$ B. $180^\circ$ C. $270^\circ$ D. $360^\circ$
11	If an arc of a circle subtends a central angle of $60^\circ$ , then the corresponding chord of the arc will make the central angle of:	A. $20^\circ$ B. $40^\circ$ C. $60^\circ$ D. $80^\circ$
12	A pair of chords of a circle subtending two congruent central angles is:	A. Congruent B. Incongruent C. Over lapping D. Parallel
13	An arc subtends a central angle of $40^\circ$ then the corresponding chord will subtend a central angle of:	A. $20^\circ$ B. $40^\circ$ C. $60^\circ$ D. $80^\circ$
14	Out of two congruent arcs of a circle, if one arc makes a central angle of $30^\circ$ then the other arc will subtend the central angle of:	A. $15^\circ$ B. $30^\circ$ C. $45^\circ$ D. $60^\circ$
15	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $75^\circ$