

## Angle in a Segment of a Circle

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | Angle inscribed in a semicircle is always:  | A. $90^\circ$<br>B. $60^\circ$<br>C. $120^\circ$<br>D. $360^\circ$                     |
| 2  | The opposite angles of any quadrilateral inscribed in a _____ are supplementary:  | A. Circle<br>B. Square<br>C. Hexagon<br>D. Rectangle                                   |
| 3  | A circum angle is subtended between any two chords of a circle, having:   | A. Circumference<br>B. Diameter<br>C. Radius<br>D. Central angle                       |
| 4  | Question Image                        | A. 4.13<br>B. 3.14<br>C. 15.4<br>D. 17.3   |
| 5  | The angle subtended by an arc at the centre of a circle is called its:  | A. Outer angle<br>B. Central angle<br>C. Complementary angle<br>D. Supplementary angle |
| 6  | A quadrilateral is called cyclic when a circle can be drawn through its _____ vertices:                                 | A. Two<br>B. Three<br>C. Four<br>D. Five   |
| 7  | A central angle is subtended by two radii with the vertex at the _____ of the circle:                                   | A. Arc<br>B. Radius<br>C. Centre<br>D. Chord   |
| 8  | Question Image                      | A. 1.5cm<br>B. 2.0cm<br>C. 2.5cm<br>D. 3.5cm   |
| 9  | In a cyclic quadrilateral, the opposite angles are:   | A. Complementary<br>B. Abtuse<br>C. Supplementry<br>D. Acute                           |
| 10 | An angle inscribed in a semicircle is:  |  |
| 11 | If a circle passes through three or more points then these points are called:   | A. Incyclic<br>B. Concyclic<br>C. Circumcyclic<br>D. Bicyclic                          |
| 12 | The angle subtended by an arc at the circumference of a circle is called a:   | A. Acute angle<br>B. Circum angle<br>C. Abtue angle<br>D. Ascribe angle                |
| 13 | Any two angles in the same segment of a circle are:   | A. Unequal<br>B. Equal<br>C. Parallel<br>D. Perpendicular                              |
| 14 | What is radius in circle ?  | A. Perimeter<br>B. Half the diameter<br>C. Segment line                                |
| 15 | The measure of a central angle of minor arc of a circle is _____ that of the angle subtends by corresponding major arc: | A. Half<br>B. Equal<br>C. Double<br>D. Triple  |