

Tangent to a Circle

| Sr | Questions | Answers Choice |
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| 1 | A line which has two points in common with a circle is called: | A. Sine of a circle B. Cosine of a circle C. Tangent of a circle D. Secant of a circle |
| 2 | Tangents drawn at the ends of _____ of a circle are parallel to each other: | A. Chord B. Diameter C. Corners D. Arc |
| 3 | A tangent line intersects the circle at: | A. Three points B. Two points C. Single point D. No point at all |
| 4 | Line intersecting a circle is called: | A. Tangent B. Secant C. Chord D. Diamter |
| 5 | The two tangents drawn to a circle from a point outside it, are equal in; | A. Length B. Radius C. Measure D. Diameter |
| 6 | A line which has only one point in common with a circle is called: | A. Sine of a circle B. Cosine of a circle C. Tangent of a circle D. Secant of a circle |
| 7 | Tangents drawn at the ends of diameter of a circle are _____ to each other: | A. Parallel B. Non parallel C. Collinear D. Perpendicular |
| 8 | The tangent and radius of a circle at the point of contact are _____: | A. Parallel B. Not perpendicular C. Perpendicular D. None of these |
| 9 | A circle has only one: | A. Secant B. Chord C. Diameter D. Centre |
| 10 | Two tangents drawn to a circle from a point outside it are of _____ in length | A. Half B. Equal C. Double D. Triple |
| 11 | The line that passes through centre and touches a circle at two points is called: | A. Diameter B. Radius C. Arc D. Corners |
| 12 | A tangent to a circle is perpendicular to the radial segment drawn to the point of: | A. Contact B. Tangency C. Concurrency D. Tangent |
| 13 | The distance between the centres of two congruent touching circles externally is: | A. Of zero length B. The radius of each circle C. The diameter of each circle D. Twice the diameter of each circle |
| 14 | How many tangents can be drawn from a point outside it ? | A. 1 B. 2 C. 3 D. 4 |
| 15 | The tangent to a circle and the radial segment joining the point of contact and the _____ are perpendicular to each other: | A. Chord B. Centre C. Tangent D. Arc |

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If a line is drawn perpendicular to a radial segment of a circle at its occurs and point, it is _____ to the circle at that point:

- A. Radial
- B. Parallel
- C. Tangent
- D. Perpendicular