

**NAME**

**CLASS**

**TOPIC CIRCLES**

**CHOOSE THE CORRECT OPTION.**

**1. A circle has a number of tangents equal to**

- (a) 0
- (b) 1
- (c) 2
- (d) Infinite

**2. A tangent intersects the circle at:**

- (a) One point
- (b) Two distinct point
- (c) At the circle
- (d) None of the above

**3. A circle can have \_\_\_\_\_ parallel tangents at a single time.**

- (a) One
- (b) Two
- (c) Three
- (d) Four

**4. The length of a tangent from a point A at a distance 5 cm from the centre of the circle is 4 cm. The radius of the circle is:**

- (a) 3 cm
- (b) 5 cm
- (c) 7 cm
- (d) 10 cm

**5. A line intersecting a circle in two points is called a \_\_\_\_\_.**

- (a) Secant
- (b) Chord
- (c) Diameter
- (d) Tangent

**6. The tangent to a circle is \_\_\_\_\_ to the radius through the point of contact.**

- (a) parallel
- (b) perpendicular
- (c) perpendicular bisector
- (d) bisector

BHAWANA SHARMA

