# OBJECTIVE TYPE QUESTIONS

**Mark the correct alternative in each of the following:**

**1. The vertex of an angles lies**
**(a) in its interior**
**(b) in its exterior**
**(c) on the angle**
**(d) inside the angle**
**Solution:**

The option (c) is the correct answer.
The vertex of an angles lies on the angle.

**2. The figure formed by two rays with the same initial point is known as**
**(a) a ray**
**(b) a line**
**(c) an angle**
**(d) a line segment**
**Solution:**

The option (c) is the correct answer.
The figure formed by two rays with the same initial point is known as an angle.

**3. An angle of measure 0° is called**
**(a) a complete angle**
**(b) a right angle**
**(c) a straight angle**
**(d) None of these**
**Solution:**

The option (d) is the correct answer.
An angle of measure 0° is called a zero angle.

**4. An angle of measure 90° is called**
**(a) a complete angle**
**(b) a right angle**
**(c) a straight angle**
**(d) a reflex angle**
**Solution:**

The option (b) is the correct answer.
An angle of measure 90° is called a right angle.

**5. An angle of measure 180° is called**
**(a) a zero angle**
**(b) a right angle**
**(c) a straight angle**
**(d) a reflex angle**
**Solution:**

The option (c) is the correct answer.
An angle of measure 180° is called a straight angle.

**6. An angle of measure 360° is called**
**(a) a zero angle**
**(b) a straight angle**
**(c) a reflex angle**
**(d) a complete angle**
**Solution:**

The option (d) is the correct answer.
An angle of measure 360° is called a complete angle.

**7. An angle of measure 240° is**
**(a) an acute angle**
**(b) an obtuse angle**
**(c) a straight angle**
**(d) a complete angle**
**Solution:**

There is no correct answer.
An angle of measure 240° is called a reflex angle.

**8. A reflex angle measures**
**(a) more than 90° but less than 180°**
**(b) more than 180° but less than 270°**
**(c) more than 180° but less than 360°**
**(d) None of these**
**Solution:**

The option (c) is the correct answer.
A reflex angle measures more than 180° but less than 360°.

**9. The number of degrees in 2 right angle is**
**(a) 90°**
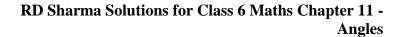**(b) 180°**
**(c) 270°**
**(d) 360°**
**Solution:**

The option (b) is the correct answer.
The number of degrees in 2 right angle is 180°.

**10. The number of degrees in 3/2 right angles is**
**(a) 180°**
**(b) 360°**
**(c) 270°**
**(d) 90°**
**Solution:**

There is no correct answer.
One right angle = 90°
So 3/2 right angles = 3/2 (90°) = 135°

**11. If a bicycle wheel has 36 spokes, then the angle between a pair of adjacent spokes is**
**(a) 10°**
**(b) 15°**
**(c) 20°**
**(d) 12°**
**Solution:**

The option (a) is the correct answer.
The central angle of a bicycle wheel measures 360°
The angle between a pair of adjacent spokes of the wheel which has 36 spokes = 360/ 36 = 10°