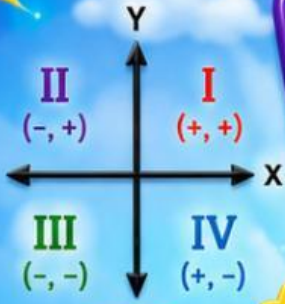


# COORDINATE GEOMETRY

## 10 MULTIPLE CHOICE QUESTIONS

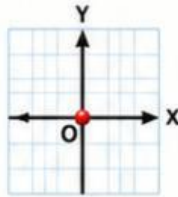
### CLASS 10



$(x, y)$

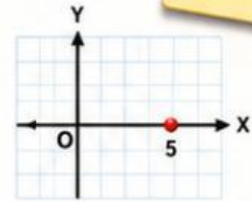
1. What are the coordinates of the origin?

- A) (1, 0)
- B) (0, 1)
- C) (0, 0)
- D) (1, 1)



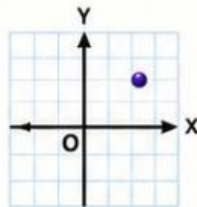
6. What is the distance of the point (5, 0) from the origin?

- A) 0
- B) 5
- C) 10
- D) 25



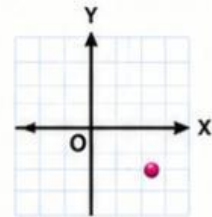
2. In which quadrant does the point (3, 4) lie?

- A) I Quadrant
- B) II Quadrant
- C) III Quadrant
- D) IV Quadrant



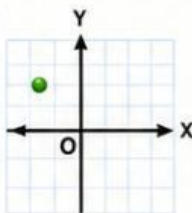
7. The point (6, -2) lies in:

- A) I Quadrant
- B) II Quadrant
- C) III Quadrant
- D) IV Quadrant



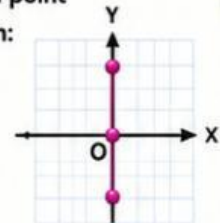
3. In which quadrant does the point (-5, 2) lie?

- A) I Quadrant
- B) II Quadrant
- C) III Quadrant
- D) IV Quadrant



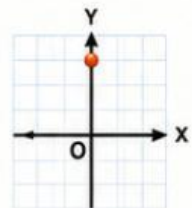
8. If the x-coordinate of a point is zero, the point lies on:

- A) X-axis
- B) Y-axis
- C) Origin
- D) Any quadrant



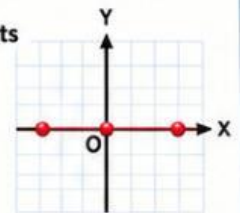
4. The point (0, 7) lies on:

- A) X-axis
- B) Y-axis
- C) Origin
- D) None of these



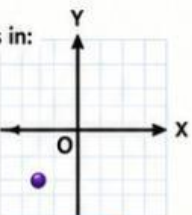
9. Which of the following points lies on the X-axis?

- A) (0, 5)
- B) (4, 0)
- C) (2, 3)
- D) (-1, 4)



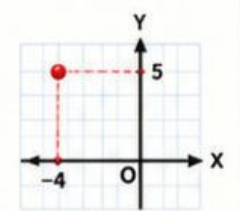
5. The point (-3, -4) lies in:

- A) I Quadrant
- B) II Quadrant
- C) III Quadrant
- D) IV Quadrant



10. The coordinates of a point are (-4, 5). Its abscissa is:

- A) 5
- B) -4
- C) 4
- D) -5



Distance Formula

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

