

# Mathematics

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(Chapter – 3) (Coordinate Geometry)(Exemplar Problems)

(Class – IX)

## Exercise 3.1

Write the correct answer in each of the following:

### Question 19:

In Fig. 3.1, coordinates of P are

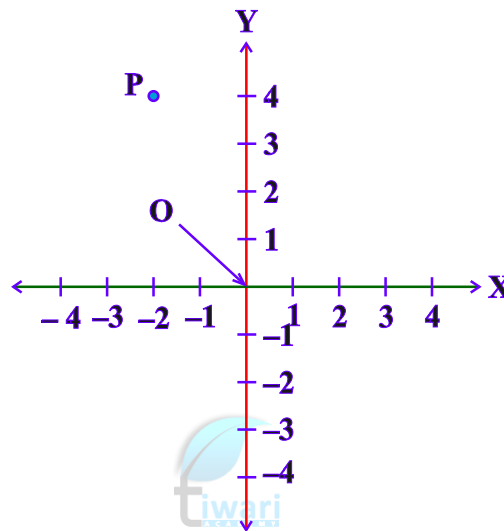


Fig. 3.1

(A)  $(-4, 2)$

(B)  $(-2, 4)$

(C)  $(4, -2)$

(D)  $(2, -4)$

 **Answer 19:**

(D)  $(2, -4)$

**Solution:**

Here, given point P lies in II quadrant, so its abscissa will be negative and ordinate will be positive. Also its perpendicular distance from X-axis is 4 y-coordinate of P is 4 and its perpendicular distance from Y-axis is 2. So, x-coordinate is  $-2$ . Hence, coordinate of P are  $(-2, 4)$ .