

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 23:

The point which lies on y-axis at a distance of 5 units in the negative direction of y-axis is

(A) (0, 5)

(B) (5, 0)

(C) (0, – 5)

(D) (– 5, 0)

Answer 23:

(C) (0, – 5)

Solution:

Given the point lies on Y-axis this shows that this x-coordinate is zero. Also it is at a distance of 5 units in negative direction of Y-axis, so its y-coordinate is negative. Hence, the required point is (0, –5).

