

# Mathematics

(www.tiwariacademy.net)

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

(Class – IX)

## Exercise 3.1

Write the correct answer in each of the following:

### Question 6:

Ordinate of all points on the  $x$ -axis is

(A) 0

(B) 1

(C)  $-1$

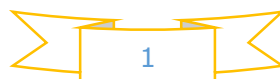
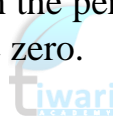
(D) any number

### Answer 6:

(A) 0

### Solution:

Ordinate of all points on the  $x$ -axis is zero. Because ordinate (or  $y$ -coordinate) of a point is perpendicular distance of this point from the  $x$ -axis measured along the  $y$  – axis. If point lies on  $x$ -axis, then the perpendicular distance of point from  $x$ -axis will be zero, so ordinate will be zero.



www.tiwariacademy.com

A Free web support in Education