

# Mathematics

(www.tiwariacademy.net)

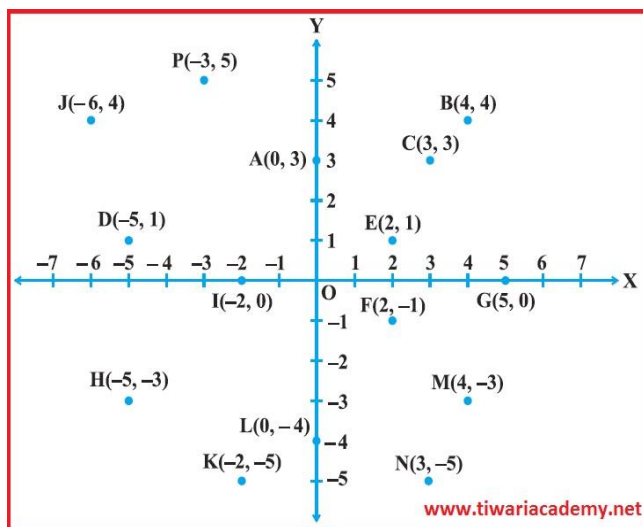
(Chapter – 3) (Coordinate Geometry)(Exemplar Problems)

(Class – IX)

## Exercise 3.4

### Question 4:

From the Fig. 3.8, answer the following:



- (i) Write the points whose abscissa is 0.
- (ii) Write the points whose ordinate is 0.
- (iii) Write the points whose abscissa is  $-5$ .

### Answer 4:

- (i) We know that the point whose abscissa is 0 will lie on Y-axis. So, the required points whose abscissa is 0 are A, L and O.
- (ii) We know that the point whose ordinate is 0 will lie on X-axis. So, the required points whose ordinate is 0 are G, I and O.
- (iii) Here abscissa ' $-5$ ' is negative. Which shows that points with abscissa  $-5$  will lie in II and III quadrants. So, the required points whose abscissa is  $-5$ , are D and H.