MM 10 **Co-ordinate Geometry** **Time 20 Minutes**

Section A 1Each

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1. The point (– 6 , 2) and (2, –6) lie in the

   (A) Same quadrant   (B) ll and lll quadrants respectively
   (C) ll and lV quadrant respectively   (D) lV and lll quadrants respectively

2. The distance of a point (0, –11) from the origin is :

   (A) 0 units   (B) –11 units
   (C) Cannot be determined   (D) 11 units

3. Which of the following points lie on the negative side of x-axis?

   (A) (–6, 0)   (B) (3, 2)   (C) (0, –6)   (D) (5, –9)

4. The point (7, –3) lies in the

   (A) ll Quadrant   (B) l Quadrant   (C) lll Quadrant   (D) lV quadrant.

5. The sign of x-coordinate of a point lying in third quadrant is

   (A) +   (B) ±   (C) –   (D) none of these .

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6.   Abcissa of a point is positive in

      (A) I and II quadrant   (B) I and IV quadrant
      (C) I quadrant   (D) IV quadrant only

Section B 2 Marks Each

7.   Plot the point (6, 5), (6,-3) and (-2,-3). Join them to find the figure and find the area of the figure.

8.   Plot the point P(2,-6) on graph paper and from it draw PM and PN as perpendicular to x-axis and y-axis respectively. Write the co-ordinates of the points M and N