Std.: 9 (English) | **Maths - II** | **Marks: 20**
Date: | | **Time: 1 hour**

Chapter: 7

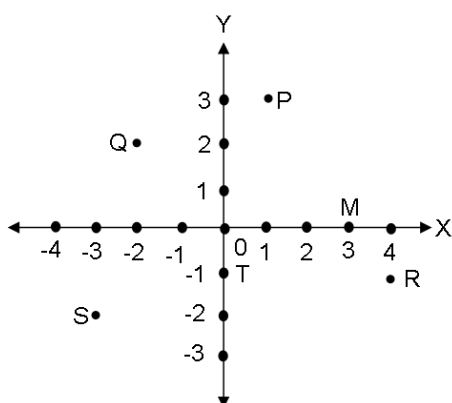**Q.1 Choose the correct alternative.** (3)

1) Point P (-8, 0), it lies in
   a. First quadrant   b. Origin   c. X axis   d. Y axis

2) X axis and y = 6 are parallel lines. What is the distance between them.

   a. 2 unit   b. 0   c. 6 unit   d. 3 unit

3) Which of the points P(-1, 1), Q(3, -4), R(1, -1), S(-2, -3), T(-4, 4) lie in the fourth quadrant?
   a. P and T   b. Q and R   c. only S   d. P and R

Q.2 Solve the following questions. (Any three) (9)

1) The Point D(4, 3) lies on a lies on a line parallel to the x-axis. Write the equation of the line and draw its graph.

2) Plot the following point on the same graph.
   A(1, -3), B(5, 0), C(-3, 4), D(-2, -4), E(2, 3), F(0, -2)

3) Some points are shown in the figure, with the help of it answer the following questions:
   i) Write the co-ordinates of the points Q and R.
   ii) Write the co-ordinates of the points T and M.
   iii) Which point lies in the third quadrant?
   iv) which are the points whose x and y co-ordinates are equal?

4) Which of the following points lie on.
   i. x-axis?   ii. y-axis?

   A (0, 2), B (5, 6), C (23, 0), D (0, 23), E (0, -4), F (-6, 0), G ($\sqrt{3}$, 0)

Q.3 Solve the following questions. (Any two) (8)

1) Draw the graph of 3y = 12 - 2x. Take 1 cm = 1 unit on both axes.

2) Draw a graph of the following linear equations.
   x - 5y - 4 = 0

3) Draw a graph of the following linear equations.

$2x + y + 3 = 0$