



Assignment

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Date: __ / __ / __

Name: _____

Max Marks: 20

Section-A (One Marks Each)

- 1 Write down the coordinates of the origin.
- 2 What are the coordinates of a point which lies on the x- axis?
- 3 What is the distance of the point C (4, 2) from y- axis?
- 4 What is the distance between the points P (0, 2) and Q (0, 6)?
- 5 If the vertices O, A, B of a square OABP are (0, 0), (2, 0) and (2, 0), what are the coordinates of the fourth vertex C of the square?

Section-B (Two Marks Each)

- 6 Plot the points (2, 2), (4, 4), (6, 6). Join these points in pairs. Do they lie on the line passing through the origin?
- 7 On a Cartesian plane, draw a square whose point of intersection of the diagonals is (8, 3) and one vertex is (6, 1).
- 8 Population (in thousands) of men and women in a village in different years

years	2003	2004	2005	2006	2007
Number of men	12	12.5	13	13.2	13.5
Number of women	11.3	11.9	13	13.6	12.8

Section-C (Three Marks Each)

- 9 State whether true or false. Correct those which are false.
 1. A point whose x-coordinates is non zero will lie on the y-axis
 2. A point whose y coordinate is zero and x-coordinate is 5 will lie on y-axis
 3. The coordinates of the origin are (0,0)
- 10 A bank gives 10% simple interest (S.I.) on deposits by senior citizens. Draw a graph to illustrate the relation between the sum deposited and simple interest earned. find from your graph
 1. the annual interest obtainable for an investment of Rs. 250
 2. the investment one has to make to get an annual simple interest of Rs. 70
- 11 The area of square and find its side (s) are connected by the relation $A = s \times s$. draw the graph for this relation