

CHAPTER - 15

Introduction to Graphs

Questions carrying 1 Mark each :-

Q.1 For plotting a point on graph sheet, we need _____ and _____.

Q.2 Write the co-ordinates of origin.

Questions carrying 2 marks each :-

Q.3 Plot the points A(3,4), B(5,0) on the graph sheet.

Q.4 Plot the points (1,3) (3,1) (7,2) on a graph sheet what figure do you obtain?

Questions carrying 3 marks each :-

Q.5 In a square, the perimeter is four times the side of the square. Make a table of ordered pairs as (length, perimeter).

Questions carrying 6 marks each :-

Q.6 A sum of Rs. 1000 is invested at the rate of 5% per annum simple interest. Represent the relation between interest and time. From graph, find the interest payable after 5 years.

Multiple Choice Questions carrying 1 mark each

Q.7 A line graph displays data

a) in intervals

- b) that changes continuously over periods of time
- c) among categories
- d) as a part of a whole

Q.8 The point (0, 5) lie on

- | | |
|-----------------|---------------|
| a) +ve x - axis | b) -ve x-axis |
| c) +ve y-axis | d) -ve y-axis |