





hours, B is still 100 Km away. What is the distance from A to B in terms of x ?

26. Find the value of  $a^2 + 5a - 4$  when  $a = 1, -1$  and  $0$ . [3]
27. Add:- [3]
- a. 12km and 4m
  - b. 5m and 12cm
28. Subtract the following decimal numbers:- [3]
- a. 78.28 from 99.26
  - b. 63.05 from 110.28
29. A Rope is 60m long. What will be the length of each side, if the Rope is bent to form [3]
- i. a square
  - ii. a regular hexagon
30. The length and width of a rectangle is in the ratio of 3 : 5. If its perimeter is 48cm, find its length and width. [3]

#### Section D

31. The length and breadth of Rectangular Plot are in the ratio 2:1. If area of plot is  $288\text{m}^2$ . find the cost of fencing when 1m cost Rs 2.50. [4]
32. It was  $9^\circ$  degrees at noon on Sunday,  $5^\circ$  degrees at noon on Monday,  $9^\circ$  degrees at noon on Tuesday,  $4^\circ$  degrees at noon on Wednesday,  $8^\circ$  degrees at noon on Thursday and  $10^\circ$  degrees at noon on Friday. [4]
- Use this data and draw a bar graph
33. The 1st , 2nd and 3rd terms of the proportion are 42, 36, 35 respectively. Find the 4th term. [4]
34. The difference between the present ages of Deepa and her father is 24 years. Five years ago, she was one fifth of her father's age. Find their present ages. [4]
35. Draw an angle of measure  $153^\circ$  and divide it into four equal parts. [4]