Name - _____   Start time - __ : __   End time - __ : __

Solve the following.

1. For a particular year, the following is the distribution of ages (in years) of primary school teachers in a district:

Age(in years)	15-20	20-25	25-30	30-35	35-40	40-45	45-50
No. of teachers	10	30	50	50	30	6	4

   i.   Write the lower limit of first-class interval.
   ii. Determine the class limits of the fourth class interval.
   iii. Find the class mark of class 45 – 50.
   iv. Determine the class size.

2. Find the mean of the following distribution :

x	5	10	15	20	25
f	4	12	20	28	36

3. The mean weight per student in a group of 7 students is 55 kg. The individual weights of 6 of them in kg are 52, 54, 55, 53, 56, 54. Find the weight of the seventh student.

4. Ten observations 6, 14, 15, 17, $x + 1$, $2x – 13$, 30, 32, 34, 43 are written in ascending order. The median of the data is 24. Find the value of x.

5. Given are the scores (out of 25) of 9 students in a Monday test :
6. 14, 25, 17, 22, 20, 19, 10, 8 and 23

1   2   3   4   5   6   7   8   9