Name - _ _ _ _ _ _ _ _ Start time - _ _ : _ _ End time - _ _ : _ _

Solve the following.

1. In a mathematics test given to 15 students, the following marks (out of 100) are recorded :
   41, 39, 48, 52, 46, 62, 54, 40, 96, 52, 98, 40, 42, 52, 60.
   Find the mean, median and mode of this data.

2. The following two tables gives the distribution of students of two sections according to the marks obtained by them:

Section-A		Section-B	
Marks	Frequency	Marks	Frequency
0 – 10	3	0 – 10	5
10 – 20	9	10 – 20	19
20 – 30	17	20 – 30	15
30 – 40	12	30 – 40	10
40 – 50	9	40 – 50	1

Represent the marks of the students of both the sections on the same graph by two frequency polygons

3. The following data given the weight (in grams) of 30 oranges picked from a basket:
   106 107 76 109 187 95 125 92 70
   139 128 100 88 84 99 113 204 141
   136 123 90 115 110 97 90 107 75
   80 118 82
   Construct a grouped frequency distribution table taking class width equal to 20 in such a way that the mid-value of first class in 70.
   From the frequency table, find the number of oranges
   (i) weighing more than 180 g.
   (ii) less than 100 g