STATISTICS

MEAN DEVIATION

EXERICSE

Q.1   Determine the mean deviation from the mean for the given data.

13,17,16,14,11,13,10,16,11,18,12,17

Q.2   Calculate the mean deviation from the mean for the provided data.

x_i	5	7	9	10	12	15
f_i	8	6	2	2	2	6

Q.3   Determine the mean deviation from the mean for the given dataset.

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of Girls	6	8	14	16	4	2

Q4   Calculate the mean deviation from the median for the given data.

38, 70, 48, 34, 63, 42, 55, 44, 53, 47

Q.5   Determine the mean deviation from the median for the provided data.

Income Per Day	No. of Person
0 - 100	4
100 - 200	8
200 - 300	9
300 – 400	10
400 – 500	7
500 – 600	5
600 - 700	4

Q.6   The measurements (in centimeters) of 10 rods in a store are as follows:

42.2, 52.3, 55.2, 72.9, 52.8,79.0, 32.5, 15.2, 27.9, 30.2

(i) Find M.D. (Med)   (ii) Find M.D. (Mean)

ANSWER KEY

1.   2.33

2.   3.39

3.   10.35

4.   8.4

5.   157.92

6.   (i) 16.44   (ii)   16.44