Time: 1 hour   Max marks: 30

SECTION- I   5X2= 10

I Answer any TWO of the following.

1. 1,2,3,4,5,7,8,9,23,24,33,43,32,23,123,145,2,3,4,5,7,8,9,23,24,33,43,32,23,12,23,23, 234,12,222,123,145,43,32,23,12,23,23,234,12,222,123,145 arrange the given series in discrete series and find the arithmetic mean and median.

2. What are the characteristics of a good research design?

3. Explain Focus Group Discussion method with example.

SECTION – II   10X2=20

II Answer any TWO of the following.

4. Find the mean, median and mode for the following series

X	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50
f	4	13	7	9	3	16	22	8	9	10

5. Find the median and standard deviation for the following data

X	33	29	42	89	74	112	12	100
f	6	8	3	7	4	5	1	9

6. Explain the different types of research design with examples.