



INDIAN SCHOOL DARSAIT DEPARTMENT OF COMMERCE



Subject : Economics Topic : Measures of Dispersion Date of Worksheet; 30/08/2017

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Date of submission : _____

Name of the Student : _____

Class & Division : _____

Roll Number : ____

1. Calculate mean deviation from mean and its coefficient from the following data

X	5	10	15	20	25
F	4	6	8	10	12

2. Compute standard deviation from the following data

SIZE	20	24	22	31	27	29	30	25
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3. Calculate Interquartile range from the data given below

MARKS	0-10	10-20	20-30	30-40	40-50
FREQUENCY	4	15	28	16	7

4. From the following data find out the value of Quartile Deviation for the following data

SIZE	150	151	152	153	154	155	156	157	158
FREQUENCY	15	20	32	35	33	22	20	12	10

5. Find the range and its coefficient for the following data

20	40	90	30	80	75
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6. Calculate standard deviation for the following data

X	2	4	6	8	10
F	4	6	8	7	5

7. Calculate standard deviation from the following data

	20	24	22	31	27	29	30	25
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8. Compute Quartile deviation and mean deviation for the following data

SIZE	58	59	60	61	62	63	64	65	66
FREQUENCY	15	20	32	35	33	22	20	10	8

9. Calculate standard deviation for the following data

WAGES	0-10	10-20	20-30	30-40	40-50	50-60	60-70
WORKERS	10	15	20	25	15	10	5

10. Write the merits and demerits of Quartile Deviation?