CLASS -XI

SUBJECT -ECONOMICS

ASSIGNMENT-7

TOPIC - MEASURES OF DISPERSION

- Q1. Explain the term 'dispersion' what is the other name for it?
- Q2. Enumerate the objectives of measuring dispersion.
- Q3. Give the meaning & formula for the following.
 - (a) Range
 - (b) Inter-quartile Range
 - (c) Mean Deviation
 - (d) Standard Deviation
- Q4. Give the names of relative measures & their formulae
- Q5. Give 2 merits and demerits of each measure of dispersion.
- Q6. What are the uses of Range.
- Q7. Write a note on other measures from standard deviation.
- Q8. Differentiate between Absolute & relative measures of dispersions.
- Q9. Explain the graphical method of measuring dispersion.
- Q10 Find out Range and its coefficient for the following data 320,400,450,530,550,580,600,610,700.780,800
- Q11 Find out Range and its coefficient for the following data

Marks	20-29	30-39	40-49	50-59	60-69
No. of Students	8	12	20	7	3

- Q12 Find Quartile Deviation and its Coefficient for the data given in question 10.
- Q13 Find Quartile Deviation and its Coefficient for the data given in question 11.

- Q14 Find Mean Deviation and its Coefficient for the data given in question 10.
- Q15 Find Mean Deviation and its Coefficient for the data given in question 11.
- Q16 Find Standard Deviation and its Coefficient for the data given in question 11.
- Q17 Find Standard Deviation and its Coefficient for the data given in question 10.