

BRAIN INTERNATIONAL SCHOOL

ECONOMICS ASSIGNMENT

CLASS-XI

October'2018

STATISTICS

UNIT : Measures of central Tendency

UNIT : Measures of Dispersion

Q1.Find median of the following observations:

20, 15, 25, 28, 18, 16, 30

Q2.Calculate median of the following data.

Marks :	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
No of Students:	7	10	13	26	35	22	11	5

Q3.Calculate Q1 and Q3 From the following data

Marks:	10	20	30	40	50	60
No of students:	4	10	20	8	6	3

Q4. Calculate the mode of the following data:

4,6,5,7,9,8,10,4,7,6,5,8,7,7,9

Q5.Calculate mode from the following data

Marks:	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No of Students :	2	5	8	10	8	5	2

Q6.Define an average.

Q7.Name the measures of central tendency.

Q8.What relationship exists between mean, median and mode in case of a symmetrical distribution ?

Q9.Explain the characteristics of a good average?

Q10. "Arithmetic mean is affected by very large and very small values but median and mode are not affected by them." Explain.

Q11. From the following data, calculate range and coefficient of range.

Marks:	10	20	30	40	50	60	70
No of students	8	12	7	30	10	5	2

Q12. Calculate quartile deviation and coefficient of quartile deviation from the data given below.

320 400 450 530 550 580 600 610 700 780 800

Q13. Find out the standard deviation, if variance is, 1444 ?

MICROECONOMICS

UNIT – Producer’s Behavior and Supply (Ch- Cost and Revenue)

Q1.Explain the relationship between AC & MC with help of a diagram.

Q2.Explain the relationship between ATC & AVC.

Q3. How do changes in MR affect TR?

Q4. Why is AR equal to MR under perfect competition?

Q5. Distinguish between 'Fixed Cost' and 'Variable Cost' giving example?