

## ASSIGNMENT

Q1. Explain what central tendency means? What are the measures of central tendency?

Q2. Explain what dispersion means? What are the measures of dispersion?

Q3. Five students have the following number of TV shows they watch regularly: 0, 2, 3, 10, and 10. Compute each of the following statistics based on these values: a. mean b. median c. mode d. maximum e. minimum f. range

Q4. A variable has a standard deviation of 3.00. What is the value of its variance?

Q5. You want to know the value of the middle case when the cases are arranged from low to high. Which statistic should you calculate?

Q6. The range for household incomes in City A is Rs. 400,000. The range for household incomes in City b is Rs. 250,000. a. Which city has more dispersion in household incomes: City A, City B, or is there insufficient information to tell? b. Which city has a higher mean household income: City A, City B, or is there insufficient information to tell?

Q7. Calculate mean, median and mode for the following data