



- C) Fill in the blanks and rewrite the sentence. 05
1. Observation is a method of collecting \_\_\_\_\_ data.
  2. Matrix in which all elements are zero is called \_\_\_\_\_.
  3. When a series is not symmetrical, it is said to be \_\_\_\_\_.
  4. Variation of the variable about a central value is known as \_\_\_\_\_.
  5. Mean is a measure of \_\_\_\_\_.
- D) State whether the following statement are True or False. 05
1. Primary data is original in character.
  2.  $A = \begin{bmatrix} 1 & 0 & 0 \\ 4 & 2 & 0 \\ 5 & 6 & 3 \end{bmatrix}$  is upper triangular matrix.
  3. The value of a determinant remain unchanged, if it is rows and columns are interchange.
  4. In a symmetrical distribution, Mean, Median and mode are equal.
  5. Variance is the square of Standard Deviation.

Q.2 Compute Mean, Median and Mode from the following data. 15

Age	No. of Persons
0-5	4
5-10	13
10-15	17
15-20	20
20-25	26
25-30	32
30-35	27
35-40	11
40-45	7
45-50	3

Q.3 Calculate the Standard Deviation and it's co-efficient from the following data. 15

Wages	No. of Workers
0-50	10
50-100	15
100-150	22
150-200	45
200-250	30
250-300	23
300-350	5

