

**ANNAI VIOLET ARTS AND SCIENCE COLLEGE
DEPARTMENT OF BUSINESS ADMINISTRATION**

**CONTINUOUS INTERNAL ASSESSMENT – I (ODD SEM.)
SUBJECT : BUSINESS STATISTICS**

Class : II BBA

Max.Marks : 50

Date : 07.09.2022-AN

Sub. Code:BB33A

**PART A (5 × 2 = 10 Marks)
Answer any FIVE questions**

1. What is measure of central tendency.
2. Explain A.M.
3. What is statistics?
4. Define Range.
5. Find median for the following data 12, 81, 45, 32, 80, 33, 60, 44, 70, 42.
6. List out the measure of variation.
7. If Mean = 45 and S.D = 11.23, Find C.V.

**PART B – (2 × 5 = 10 Marks)
Answer any TWO questions**

8. Determine H.M of the following data

X	10	12	14	16	18	20
F	5	18	20	10	6	1

9. Write the properties of good average.

10. From the following data, find out the correlation.

X	10	8	13	6	15
Y	17	9	6	14	8

PART C – (3 × 10 = 30 Marks)

Answer ALL questions

11. Compute mean, median and mode for the distribution

C.I	0-10	10-20	20-30	30-40	40-50	50-60
F	5	10	25	30	20	10

12. Calculate correlation coefficient of the following data

X	12	19	14	22	16	17
Y	10	22	18	14	24	15

13. Compute S.D for the following data

C.I	20-25	25-30	30-35	35-40	40-45	45-50
F	170	110	80	45	40	35

Prepared by

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