ANNAI VIOLET ARTS AND SCIENCE COLLEGE
DEPARTMENT OF INFORMATION SYSTEM MANAGEMENT

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

Class : II B.Com(ISM)   **Date : 05.09.2022-AN**
Max.Marks : 50   **Sub. Code: BS33A**

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

1. Write the empirical formula.

2. Define G,M.

3. What is statistics?

4. Mention the types of skewness.

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 Karl Pearson's coefficient of skewness.

X	11	12	13	14	15
F	3	9	6	4	3

PART C – (3 × 10 = 30 Marks)
Answer ALL questions
11. Verify empirical formula 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 Mean deviation about mean of the following data

No of call	2	3	4	5	6	7
Frequency	1	5	8	4	2	1

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

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