SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.
B.Sc.(Statistics) END SEMESTER EXAMINATIONS NOVEMBER -2023
SEMESTER - I
20USTCT1001 - Descriptive Statistics

Total Duration : 2 Hrs 30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. Write short notes on the limitations of statistics.

2. Describe Lorenz curve.

3. Explain the methods of measuring skewness and kurtosis of a frequency distribution.

4. Write a short note on Spearman's coefficient of correlation.

5. Define independence of attributes. Give a criterion of the independence for attributes A and B.

6. Discuss various measurements of scales.

7. Describe the various parts of the tabulation.

8. State the characteristics of good measures of central tendency.

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Explain various methods of collecting primary data.

10. Describe different types of diagrammatic representations of data.

11. Explain various Measures of Dispersion in detail.

12. Explain the meaning of regression coefficient, regression lines, and their uses.

13. Discuss Yule's coefficient of association and coefficient of colligation.

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