

Roll.No.

25USTCT1001

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 2025

SEMESTER - I

25USTCT1001 - Descriptive Statistics

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Illustrate the collection of data in detail.
2. Explain the procedure of Spearman's Rank correlation.
3. Apply the Partial correlation method for one real life situation and brief it.
4. Describe the different measurement scales.
5. Describe Box and Whisker plot and mention its uses.
6. Explain properties of correlation coefficient.
7. List out the Merits and Demerits of measures of location and dispersion.
8. Justify applying the Yule's method to find the association is better than others.

Section C

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

9. Explain Graphical and diagrammatic procedure for the statistical data with example.
10. Classify Raw and central moments then how to use it to find all Descriptive values?
11. Derive all properties of Coefficient of Regression,
12. Explain in detailed Multiple Correlation.
13. Derive an Expression for a measure of association between two attributes.
