

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 - APRIL 2025

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. Explain the different types of scales.
2. Describe the measures of skewness in detail.
3. Classify the different types of correlation.
4. Explain the conditions for consistency.
5. Describe in detail the types of bar diagram.
6. Explain the measure of moments.
7. Illustrate the properties of regression coefficients.
8. Examine the association of attributes method.

### **Section C**

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

9. Explain the method of collecting primary data.
10. Describe the types of classification and tabulation of data.
11. Examine the properties of standard deviation.
12. Discuss the properties of correlation.
13. Examine the Yule's coefficient of association.

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