

Roll.No.

20USTCT1001

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

**20USTCT1001 - Descriptive Statistics**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### **Section B**

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

1. List out the scope and limitations of statistics.
2. What do you mean by secondary data? Explain its sources.
3. Explain the construction of Histogram with an example.
4. Discuss the different types of tables.
5. Write a note on kurtosis.
6. Define regression. Why do we need two regression lines?
7. List the properties of correlation coefficients.
8. Discuss contingency table with an example.

### **Section C**

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

9. Describe the scales of measurement in detail with an example each.
10. Define classification. Explain its types with an example.
11. Discuss the concept of dispersion and justify with valid reasons, which measure is more important.
12. Explain the types of correlation with the help of scatter diagram.
13. What are attributes? Discuss the association of attributes in detail.

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