

B.A. LL.B. (HONS.) DEGREE FOURTH SEMESTER EXAMINATION, MAY 2024

DESCRIPTIVE STATISTICS

Time: 3 Hours

Maximum Marks: 50

PART-A

Answer **ANY FOUR** questions. Each question carries **TEN** marks

(4 x 10 = 40)

- I. Explain briefly the application of statistics in other areas of enquiry.
- II. Distinguish between primary data and secondary data. Compare different methods used by a researcher to collect primary data.
- III. Compare and contrast different probability sampling methods to collect sample from the Universe.
- IV. Distinguish between classification of data and tabulation of data. Explain briefly the different types of classification.
- V. Explain briefly different steps comes under planning the survey
- VI. Write short notes on :
(a). Average (b). Correlation (c) Index numbers (d) vital statistics

PART-B

Answer **ANY TWO** Problems. Each problem carries **FIVE** marks

(2 x 5 = 10)

- VII. Calculate Mode for the following data

Class	Frequency
0-100	133
100-200	413
200-300	171
300-400	361
400-500	431
500-600	651
600-700	141
700-800	861
800-900	981
900-1000	291

(Turn over)

VIII. Calculate mean deviation about mean and its coefficient.

Class	Frequency
0-10	113
10-20	142
20-30	317
30-40	16
40-50	41
50-60	45
60-70	132
70-80	213
80-90	819
90-100	981

IX. Calculate quartile deviation from the following data

25, 34, 24, 35, 46, 32, 65, 73
