B.A. LL.B. (HONS.) DEGREE FOURTH SEMESTER EXAMINATION, MAY 2023
DESCRIPTIVE STATISTICS

Time: 3 Hours   **Maximum Marks : 50**

PART-A
Answer ANY FOUR questions
Each question carries TEN marks

(4 x 10 = 40)

I. A statistical survey passes through several stages before completion, starting from planning the survey and ending with writing the final report. Explain briefly the different stages come under planning the survey.

II. What do you understand by complete enumeration method and sample method? What are the advantages of complete enumeration method? Also explain the essentials of a good sample

III. "Science of Statistics is the useful servant, but only of great value to those who understand its proper use".- comment

IV. Distinguish between primary data and secondary data. Explain briefly different methods used by a researcher for collecting primary data.

V. Compare and contrast different definitions of statistics.

VI. Write short notes on

  (a). Skewness   (b) Measures of dispersion

  (c). Index numbers   (d). Positive correlation

PART-B
Answer ANY TWO questions
Each question carries FIVE marks

(2 x 5 = 10)

VII. From the following data Calculate the average monthly salary of 120 workers in Factory A

Monthly Salary:	10000	20000	30000	40000	50000	60000	70000	80000	90000
No.of workers :	34	26	10	3	12	5	6	4	20

VIII. Find mean deviation about median and its coefficient

Class:	100-200	200-300	300-400	400-500	500-600	600-700	700-800	800-900
Frequency:	26	34	38	43	56	65	45	65

IX. Calculate Karl Pearson's coefficient of correlation and interpret the results.

X : 100 125 133 143 153 138 139 159 120 135 190 230 233

Y : 98   112 123 125 90   88   87   159 123 134 134 288 320

X. Calculate Bowley's coefficient of skewness

Class:	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99
Frequency:	12	23	21	12	34	20	25	32	39	18

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