

B.A. LL.B. (HONS.) DEGREE FOURTH SEMESTER EXAMINATION, MAY 2022

DESCRIPTIVE STATISTICS

Time: 3 Hours

Maximum Marks: 50

PART-AAnswer **ANY FOUR** questions. Each question carries **TEN** marks

(4 x 10 = 40)

- A. Critically examine different definitions of statistics comes under statistical data and statistical methods. Also, explain the reasons for different definitions.
- B. Distinguish between primary data and secondary data. Compare and contrast questionnaire method and schedule method. Also, briefly explain different points to be considered while drafting a questionnaire.
- C. Distinguish between complete enumeration survey method and sample method. Critically examine different methods used by a researcher under non probability sampling technique to select sample from the population.
- D. What do you understand by the term classification of data? Explain briefly the requisites, purpose and types of classification of data .
- E. Proper planning of survey is very much important because the quality of survey research depends on the preparations made before the survey is conducted. Explain briefly the matters to be considered under planning the survey.
- F. Write short notes on :
(a). Consumer Price Index (b). Coefficient of variation (c)Life table (d) Central tendency

PART-BAnswer **ANY TWO** Problems. Each problem carries **FIVE** marks(2 x 5 = 10)

- G. Calculate mean deviation about mean and its coefficient from the following data

Income	No. of workers
0-1000	30
1000-2000	23
2000-3000	27
3000-4000	32
4000-5000	33
5000-6000	45
6000-7000	64
7000-8000	76
8000-9000	48
9000-10000	20

- H. Runs scored by two batsman A and B in 10 innings are given below. Find out (a) who is consistent (b) who is efficient.

A	11	23	32	48	89	111	123	14	11	210
B	13	24	48	33	110	88	114	132	107	110

- I. Calculate Karl Pearson's coefficient of correlation between X and Y and interpret the result.

X	100	111	115	123	126	129	131	123	23	11
Y	111	100	123	115	123	123	112	113	123	11
