B.A. LL.B., (Hons.) DEGREE FOURTH(Supplementary) SEMESTER EXAMINATIONS, AUGUST 2019

DECRIPTIVE STATISTICS

Time: 3 Hours

Maximum Marks: 50

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

(4 x10 = 40)

I. Discuss in detail the importance of statistics with special reference to state, economics, law, Business and medicine

II. Define statistics on the basis of statistical data and statistical methods. Also explain briefly the functions of statistics

III. What do you understand by the term tabulation? What important points should be kept in mind while preparing a good statistical table?

IV. What do you understand by sampling? Explain briefly the various methods used by a researcher to select a sample from the population.

V. Write short notes on ANY TWO of the following:

    (a). Statistical Survey   (b). Correlation
    (c). Geographical classification

VI. Write short notes on **ANY TWO** of the following:

    (a). Census Method   (c). Measures of Dispersion
    (b). Questionnaire method

PART-B
Answer ANY TWO of the following. Each question carries FIVE marks.

(2x5 = 10)

VII. Calculate Harmonic Mean from the following date.

Mid value	5	15	25	35	45	55	65	75
Frequency	12	15	17	19	23	33	21	13

VIII. Calculate Bowley's coefficient of quartile deviation

Class	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
Frequency	111	225	276	150	38	130	20	50

IX. From the following data calculate Karl Pearson's coefficient of correlation and interpret the result

X	13	23	33	43	53	73	83	103	113	3
Y	12	22	32	42	52	62	72	82	123	33

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