B.A. LL.B., (Hons) DEGREE FOURTH SEMESTER EXAMINATIONS, APRIL 2016

DESCRIPTIVE STATISTICS

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

PART-A
Answer ANY FOUR questions. All questions carry EQUAL marks

(4 X 10 = 40)

I.   Explain the origin and development of the science of statistics.

II. Discuss in detail, the various steps subsequent to planning the survey.

III. Distinguish between primary and secondary sources of information. Also compare and contrast different methods used for collecting primary data.

IV. What do you understand by the term Sampling? What are the essentials of a good sample? Explain briefly the different probability sampling techniques adopted by researcher for collecting sample from the Universe.

V.   Distinguish between classification and tabulation of data. Discuss in detail, the different types of classification

VI. "There is hardly any field which does not fall within the scope of statistics"- Discuss.

PART-B
Answer ANY TWO questions. All questions carry EQUAL marks

(2 X 5= 10)

VII. Calculate mean height of the students from the following data

Height	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No.of Students	12	25	36	14	28	29	32

VIII. The following are the marks secured by some students in an examination. Calculate median from the following data.

Marks	0-20	21-30	31-40	41-50	51-60	61-70	71-80
No.of Students	42	38	120	84	48	36	31

IX. Calculate the coefficient of correlation and interpret the result

X	12	15	16	17	18	19	20	21	22
Y	13	14	15	16	17	18	19	20	21

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