B.Sc. DEGREE EXAMINATION,APRIL 2020
I Year I Semester
Descriptive Statistics

Time : 3 Hours **Max.marks :60**

Section A $(10 \times 1 = 10)$ Marks

Answer any **TEN** questions

1. State the sources of secondary data.
2. Define nominal scale with an example.
3. Mention the need for tabulation of data.
4. State the uses of diagrams.
5. Define dispersion.
6. State the different methods to find dispersion.
7. Draw a positive and negative correlation through scatter diagram.
8. State any two properties of regression coefficients.
9. What do you mean by consistency of data?
10. Define the term attributes.
11. Define median with an example.
12. State the suiations when geometric mean can be used.

Section B $(5 \times 4 = 20)$ Marks

Answer any **FIVE** questions

13. Explain about the scopes of statistics.
14. Discuss about the classification of data with examples.
15. Describe in detail about kurtosis and its types.
16. Calculate correlation coefficient for the following data.

X:	12	9	8	10	11	13	7
Y:	14	8	6	9	11	12	3

17. Elaborate Yule's coefficient of association.
18. Explain about skewness and its types.
19. Describe about Lorenz curves.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Elaborate about the different types of collecting primary data.
21. Describe about the diagrammatical representation of statistical data.
22. Explain the terms mean deviation and standard deviation with examples.
23. Discuss about two regression equations in detail.
24. Explain about the coefficient of colligation.

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