B.Sc. DEGREE EXAMINATION,NOVEMBER 2019
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 ordinal data with an example.
3. State the advantages of using diagrams.
4. What is the need of tabulation of statistical data?
5. Define standard deviation.
6. Define mode with an example.
7. State any two properties of regression coefficients.
8. Define rank correlation.
9. Write the formula for Yule's coefficients of association.
10. Define consistency of data.
11. State the limitations of statistics.
12. Define range and its coefficient.

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

Answer any **FIVE** questions

13. Explain the scope of statistics.
14. Explain classification of statistical data with examples.
15. Calculate the mean for the following data.

C.I	0-8	8-16	16-24	24-32	32-40
f	6	7	10	8	9

16. Find the correlation coefficient for the following data.

X	3	4	5	8	7	9	6	2	1
Y	5	3	4	7	8	7	6	9	2

17. Explain the condition for testing the consistency of data.
18. Describe Lorenz curve.
19. Write a brief note on kurtosis.

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

Answer any **THREE** questions

20. Explain the different types of collection of primary data.
21. Describe the different types of representing statistical data through diagrams.
22. Discuss the measure of skewness and its types.
23. State and prove the properties of regression coefficients.
24. Explain in detail the concept of Association of attributes.

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