B.A. DEGREE EXAMINATION,NOVEMBER 2019
I Year I Semester
Statistics for Economists-I

Time : 3 Hours   **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Define Statistics.
2. What is Data?
3. What is Primary Data?
4. What is a Questionnaire?
5. What is a Diagram?
6. Mention any two types of diagram.
7. Find out the arithmetic mean of numbers

    3   5   8   12   15

8. What is an average?
9. Define Dispersion.
10. How deviation is calculated?
11. What is a Range?
12. What is a Cartogram?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Discuss the importance of Statistics.
14. Mention the rules of Classification.
15. Distinguish between Histogram and Ogive.
16. Calculation of the arithmetic average by a) Direct Method b) Short-Cut method from the following data.

Family :	A	B	C	D	E	F	G	H	I	J
Weekly Income :	850	700	100	750	5000	80	400	2500	400	360

17. Write a short note on measures of Dispersion.
18. Point out the properties of Standard Deviation.

19. Write short note on Co-efficient of variation.

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

Answer any **THREE** questions

20. Explain the Subject matter of Statistics

21. How do you draft a Questionnaire.

22. Explain the rules for constructing a diagram.

23. From the following data compute arithmetic mean by using short-cut method.

0-10	10-20	20-30	30-4	40-50	50-60
5	10	25	30	20	10

24. Calculate the mean deviation from the following data.

Class interval :	2-4	4-6	6-8	8-10
Frequency :	3	4	2	1

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