SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.
B.A.(Eco) END SEMESTER EXAMINATIONS APRIL-2023
SEMESTER - I
20UECCT1002 - Statistics for Economists–I

Total Duration : 2 Hrs 30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. State the relationship between statistics and economics.

2. List out the characteristic of good questionnaire.

3. What are the objectives of classification?

4. State the significance of diagrams and graphs.

5. Write down the rules for constructing diagrams.

6. What are the features of good average?

7. Calculate arithmetic mean for the following data.

Income	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No.of Persons	6	8	10	12	7	4	3

8. Find the standard deviation for the following data.

Marks	10	20	30	40	50	60
No of Students	8	12	20	10	7	3

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Explain the functions of statistics.

10. Describe the sources of secondary data.

11. Discuss the various types of graphs in detail.

12. Explain the merits and demerits of arithmetic mean.

13. Weekly wages of labourers are given below. Find the quartile deviation and also coefficient of quartile deviation.

Weekly Wages	100	200	400	500	600
No of Weeks	5	8	21	12	6

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