

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.Economics - END SEMESTER EXAMINATIONS APRIL - 2024

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. Mention the functions of statistics.
2. Give a brief account of secondary data.
3. Draw the less than and more than give curves for the following data:

X	0-10	10-20	20-30	30-40	40-50
F	1	3	10	4	2

4. Calculate the mode for the data given below:

X	0-100	100-200	200-300	300-400	400-500	500-600	600-700
F	5	7	12	18	16	10	5

5. Calculate standard deviation for the data given below.

CI	30-40	40-50	50-60	60-70	70-80	80-90	90-100
F	3	7	12	15	8	3	2

6. Explain the parts of a table.
7. Explain the characteristics of statistics.
8. Distinguish between mean deviation and standard deviation.

**Section C**

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

9. Explain the importance of statistic.
10. Discuss the methods of collecting primary data.
11. List out the advantages of graphical representation of data.
12. Calculate mean and mode from the following data:

X	0-10	10-20	20-30	30-40	40-50	50-60
F	12	18	27	20	17	16

13. Find the value of standard deviation for the following.

Wage	0-10	10-20	20-30	30-40	40-50	50-60
No of workers	12	17	23	39	16	3

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