

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 - II

20UECCT2004 - Statistics for Economists-II

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Write short notes on Population and Sample.
2. Differentiate simple and stratified random sampling.
3. Explain the types of correlation.
4. List the limitations of coefficient of correlation.
5. Show the properties of linear regression model.
6. Differentiate simple and weighted index numbers.
7. Describe the uses of Index number.
8. List the four components of Time Series.

Section C

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

9. Examine the Types of Sampling.
10. Calculate the rank Correlation co-efficient between X and Y variables.

X	10	20	35	14	18	21	16
Y	15	25	18	19	20	26	27

11. Describe the Least square Regression Line or Linear Regression Line.
12. Distinguish Laspeyre's Index and Paasche's Index.
13. State the Application of Time series Analysis in Business.
