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. END SEMESTER EXAMINATION APRIL/NOV - 2021
SEMESTER - II
20UECCT2004 - Statistics for Economists - II

Total Duration : 3 Hrs		**Total Marks : 75**	
MCQ	: 30 Mins	MCQ	: 15
Descriptive	: 2 Hrs.30 Mins	Descriptive	: 60

Section B

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

1. What is Sampling? Point out the essentials of Sampling.

2. Bring out the merits and limitations of Judgement Sampling.

3. Briefly explain the types of correlation.

4. Two Judge in a beauty competition rank the 10 entries as follows:

A:	6	5	3	10	2	4	9	7	8	1
B:	3	8	4	9	1	6	10	7	5	2

What degree of agreement is there between two judges?

5. Bring out the uses of Regression Analysis.

6. Calculate Consumer Price Index by using Family Budget Method for the following data :

Commodity	2010	2020	W
Food	60	80	40
Cloth	40	60	20
Fuel	100	100	10
Rent	50	100	10
Others	40	60	20

7. Bring out the limitations of Index Number.

8. Explain the Utility of Time Series Analysis.

Section C

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

9. Write a detailed note on Sampling Error.

10. Calculate the Arithmetic Mean from the following data:

Class:	0-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40
Frequency:	5	9	14	18	10	14	3	2

11. Analyse the problems in the construction of Index.

12. Discuss the Component of Time Series.

13. What are the methods of least squares?

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