



LOYOLA COLLEGE (AUTONOMOUS) CHENNAI – 600 034

B.A. DEGREE EXAMINATION – ECONOMICS

THIRD SEMESTER – NOVEMBER 2024

16/17/18UEC3MC02 – BASIC ECONOMETRICS



Date: 12-11-2024

Dept. No.

Max. : 100 Marks

Time: 09:00 am-12:00 pm

SECTION A

Answer ANY FOUR of the following

4 x 10 = 40 Marks

1. Throw light on nature of Econometrics
2. Comment on Random Variable.
3. Give the meaning of Estimate.
4. What is PRF, SRF?
5. Discuss Coefficient of Determination
6. Write a short note auto correlation?
7. Explain OLS.
8. What is Type I and Type II error?

SECTION B

Answer ANY THREE of the following

3 x 20 = 60 Marks

9. Demonstrate the relationship between Econometrics and other social sciences
10. Analyse the features of Stochastic Error Term.
11. Reconstruct the assumptions of Classical Linear Regression Model.
12. Compare the properties of Point Estimate and Interval Estimate.
13. Analyse PRF and SRF and represent them in diagram.
14. Examine the concept of Central Limit Theorem.
