K25U 0206

Reg. No. : ....

Name : ....

Sixth Semester B.A. Degree (C.B.C.S.S. – OBE – Regular/Supplementary/ Improvement) Examination, April 2025
(2019 to 2022 Admissions)
CORE COURSE IN ECONOMICS/DEVELOPMENT ECONOMICS
6B15 ECO/DEV ECO : Basic Econometric Analysis

Time : 3 Hours Max. Marks : 40

PART – A

Answer **all** questions. **Each** question carries **one** mark.

1. Define Regression.
2. What do you mean by Level of Significance ?
3. Define Disturbance Term.
4. What is Null Hypothesis ?
5. Give a note on Econometrics.
6. Define Type I Error. **(6×1=6)**

PART – B

Answer **any 6** questions. **Each** question carries **two** marks.

7. Briefly explain about the nature of Autocorrelation.
8. Explain the main objectives of Econometrics.
9. What do you mean by Population Regression Function ?
10. What is a Linear Regression Model ?
11. Explain about Hypothesis testing.
12. Point out the main uses of Econometrics.
13. Give a note on Multicollinearity.
14. Briefly explain ordinary least squares. **(6×2=12)**

P.T.O.

PART – C

Answer **any 4** questions. **Each** question carries **three** marks.

15. Explain the significance of error term in Econometrics.
16. Give a detailed explanation on Durbin-Watson test.
17. Explain r^2.
18. What are the basic features of Multiple Linear Regression Model ?
19. Write a short essay on BLUE property.
20. Point out the main reasons for Autocorrelation. **(4×3=12)**

PART – D

Answer **any 2** questions. **Each** question carries **five** marks.

21. Explain Cobb-Douglas production function.
22. Write an essay on the main limitations of Econometrics.
23. Briefly explain the main methods for the detection of Autocorrelation.
24. Give an account on the main causes and consequences of Heteroscedasticity. **(2×5=10)**