K23U 0365

Reg. No. : ....

Name : ....

VI Semester B.A. Degree (CBCSS – OBE – Regular/Supplementary/ Improvement) Examination, April 2023
(2019 & 2020 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 Econometrics.
2. What do you mean by Error Term ?
3. Give a note on Hypothesis.
4. What is Regression ?
5. Explain Degrees of Freedom.
6. Define level of significance. **(1×6=6)**

PART – B

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

7. Explain the uses of Econometrics.
8. What do you mean by Auto Correlation ?
9. Briefly explain the concept of PRF.
10. Distinguish between Time Series and Cross Section Data.
11. Explain the term “Liner in parameters”.

P.T.O.

12. Explain the graphical method for the detection of Heteroscedasticity.

13. Point out its main limitation of Durbin Watson test.

14. What do you mean by Non-linear regression models ? **(2×6=12)**

PART – C

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

15. Explain the reasons of Multicollinearity.

16. Briefly explain Goldfeld Quandt test associated with Heteroscedasticity.

17. Explain the significance of coefficient of determination.

18. How we can solve the problem of autocorrelation ?

19. Explain the division of Econometrics.

20. Define Data. Point out the different types of data. **(3×4=12)**

PART – D

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

21. Write an essay on the methodology of Econometrics.

22. Explain Cobb-Douglas Production function.

23. Give an account on the main assumptions underlying the method of OLS.

24. Explain BLUE property. **(5×2=10)**