



K17U-0264

Reg. No. :

Name :

VI Semester B.A. Degree (CBCSS – Regular) Examination, May 2017
CORE COURSE IN ECONOMICS/DEV. ECONOMICS
6B15ECO : Basic Econometric Analysis
(2014 Admn.)

Time : 3 Hours

Max. Marks : 40

PART – A

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

1. What is Econometrics ?
2. What do you mean by Level of Significance ?
3. Define Autocorrelation.
4. Define Standard Error.

(1×4=4)

PART – B

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

5. Explain the methodology of Econometrics.
6. Explain the error term U.
7. What are the different types of correlation ?
8. What is Testing Procedure ?
9. Compare intercept present and absent regression models.
10. Explain the concept of R^2 .
11. What is the relationship between Econometrics and Statistics ?

K17U 0264



12. What are one tailed and two tailed test ?

13. What are the nature and sources of data for econometric analysis ?

14. What are the uses of Econometrics ?

(2×7=14)

PART – C

Answer **any four** questions. **Each** question carries **3** marks.

15. Explain the uses of regression. Specify a PRF and SRF with an example.

16. Why an error term is incorporated in the econometric model ?

17. Explain with the help of an example the Line of Best Fit.

18. Explain the estimation of production and cost functions.

19. Explain the detection of Heteroscedasticity.

20. Examine the methodology of Econometrics.

(3×4=12)

PART – D

Answer **any two** questions. **Each** question carries **5** marks.

21. How an econometric model differ from a mathematical model ? Explain its uses and limitations.

22. Explain the assumptions of CLRM. Explain Gauss-Markov Theorem.

23. Explain the detection of Multicollinearity.

24. Explain Autocorrelation. Explain its sources and detection.

(5×2=10)