

TM153235A

Reg. No:.....

Name:

M. A. DEGREE (C.S.S.) EXAMINATION, OCTOBER 2016

SEMESTER III - ECONOMICS

EC3EA2M – BASIC ECONOMETRICS

Time: Three Hours

Maximum Marks: 75

PART A

I. Write short notes on any five of the following. Each question carries 3 marks

1. Regression Analysis
2. Error term
3. OLS
4. Conditional forecast
5. Multicollinearity
6. Dummy variables
7. Gauss Markov Theorem

(5x3=15)

PART B

II. Answer any six questions. Each question carries 5 marks.

8. Write a note on Measurement of Scale of variables
9. What is meant by testing of a Hypothesis?
10. What are the reasons for the lags?
11. What are the practical consequences of multicollinearity?
12. What is the nature of autocorrelation?
13. Write difference between R-squared and Adjusted R squared
14. Compare and contrast the logit and probit models
15. Why is the OLS estimator so widely used? Is it superior to all other estimators?
16. Write about methods of forecasting.

(6x5=30)

PART C

III. Answer any two questions. Each question carries 15 marks

17. Explain scope and methodology of econometrics illustrate with Keynesian theory of consumption.
18. Write the nature of Heteroscedasticity. How does one detect it? What are the remedial measures?
19. What is the lag structure in the Almon lag model ? What are the advantages and disadvantages of the Almon lag model with respect to the Koyck model?
20. How will you estimate production and cost functions?

(2x15=30)