Reg. No. : ....

Name : ....

Second Semester M.A. Degree Examination, July 2019

Branch : Economics

EC 224 : RESEARCH METHODOLOGY AND ECONOMETRICS

(2013-17 Admissions)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Explain the following in **One** or **Two** sentences.

1.   Hypothesis.

2.   Case Study.

3.   Chi-square Analysis.

4.   Type II error.

5.   Interdisciplinary research.

6.   Econometric Model.

7.   Normality Assumption.

8.   Linearity in parameter.

9.   Auxiliary Regression.

10.   OLS.

(10 × 1 = 10 Marks)

SECTION – B

Answer **any seven** of the following. **Each** should **not** exceed **500** words.

11. Explain the different methods of collection of data.

12. What are the criteria of a good research? Discuss.

13. Describe the meaning and significance of parameters and statistics.

14. What is meant by the Layout of the research report? Explain.

15. Examine the Nature and scope of Econometrics.

16. Explain the significance of stochastic variable in econometric model.

17. Discuss the meaning and procedures of estimation of parameters.

18. 'What is Hetroscedasticity and discuss different test for it?

19. What is meant by the First Order Autocorrelation? Discuss.

20. Examine the meaning and implications of ANOVA.

(7 × 5 = 35 Marks)

SECTION – C

Answer **any three** of the following. **Each** answer should **not** exceed **1200** words.

21. Examine the meaning and steps of research methodology.

22. What is a Hypothesis? Examine the role and method of using Hypothesis in Research.

G – 4551

23. Explain the Assumptions of Classical linear regression model.

24. State and prove the Gauss Markov Theorem.

25. Briefly explain the Reasons, Consequences and remedial measures of Multicollinearity.

(3 × 10 = 30 Marks)

_____

G – 4551