

IV Semester M.A. Examination, June/July 2018
(CBCS Scheme)
ECONOMICS

Paper - 4.1 : Advanced Computer Applications for Economic Analysis

Time : 3 Hours

Max. Marks : 50

Instruction : Answer all the questions.

PART - A
SECTION - I

1. Answer any five questions :

(5×1=5)

- a) Define Random Error.
- b) What is instrumental variable ?
- c) Define G2B model.
- d) What is Partial Correlation Coefficient ?
- e) Define reduced form equation.
- f) What is meant by R^2 ?
- g) What is the use of LIMDEP ?
- h) Define Electronic transaction.

SECTION - II

Answer any two questions :

(2×5=10)

2. Explain the meaning and structure of simultaneous equation models.
3. Discuss the concept of B2B E-Commerce.
4. Explain the features and types of identification problem.
5. What do you mean by transaction security ? How does it function ?



PART - B
SECTION - I

6. Answer any five questions :

- a) Distinguish between qualitative and quantitative data.
- b) What is reduced form equations ?
- c) Mention the advantage of adjusted R^2 value.
- d) What do you mean by CMIF ?
- e) Define database.
- f) Define digital signature.
- g) Define ANOVA.
- h) What do you mean by Dummy variables ?

(5×1=5)

SECTION - II

Answer any two questions :

7. Explain ANCOVA with an example.
8. Describe the estimation of Recursive model.
9. What are the advantages of Electronic Stock Exchange ?
10. Explain online shopping.

(2×5=10)

SECTION - III

Answer any two questions :

11. Discuss the analysis of qualitative data.
12. Explain the features and facilities available in MS Excel.
13. Examine the selling ability in three salesman for the data given below at 5% level of significance. The critical value of $F_{0.05, 2, df}$ is 3.98.

(2×10=20)

Salesman		
A	B	C
3	6	7
4	3	3
3	3	6
5	4	4