2019

MA/MSc

4th Semester Examination

ECONOMICS

PAPER – ECO-401A

Full Marks : 50

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group- A

1. Answer any **TWO** questions :   2x2= 4

    (a) Distinguish between joint and complementary agricultural products.

    (b) What is perverse supply function?

    (c) What is forward market in agricultural sector?

    (d) What is marketing margin in agricultural product & market?

2. Answer any **ONE** question :   1x6=6

    (a) Specify the production function and find the marginal productivities and partial elasticities of the following agricultural production functions: Quadratic, Spillman & Translog production functions.

                                                                    2x3 =6
    (b) What are the different measures of instability in prices of agricultural products ?   6

3. Answer any **ONE** question :   1x10 =10

    (a) What are the determinants of market demand for agricultural goods? How can you estimate price and income elasticities of demand using demand function approach and linear expenditure system approach? Establish the relationship between these two.

                                                                    (3+5+2)

    (b) Discuss the causes of inefficiency in the system of agricultural marketing in India.   10

Group-B

4. Answer any *TWO* questions :   2x2= 4

   (a) What is MOTAD?

   (c) What are the different kinds of problematic soil?

   (d) What do you mean by farm management?

   (e) What is Integrated Pest Management (IPM) as per Food and Agriculture Organization (FAO)?

5. Answer any *ONE* question :   1x6=6

   (a) Briefly discuss the management procedure of irrigation and labour of a farm.

   (b) What is total farm budget? Write down the steps of total farm budget.

6. Answer any **TWO** questions :   1x10

   (a) Explain with suitable examples how the techniques of linear programming and game theory can be applied in farm management.   6+4

   (b) What are the factors influencing farm management decisions? With the help of a flow chart discuss the steps involved in the decision making process of a farm manager.   6+4

(Internal Assessment ; 10 Marks)