2017

M.A. / M.Sc.

3rd Semester Examination

ECONOMICS

PAPER—ECO-302A

Full Marks : 40

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 :   2×2

   (a) Define sustainable growth in agriculture.

   (b) Explain the causes of low productivity in traditional agriculture.

(c) Define risk-aversion and distinguish between absolute risk-aversion and relative risk-aversion.

(d) Suggest some policy measures for conservation of natural resources in agriculture.

2. Answer any *one* question :　　　　　　　1×6

(a) Discuss, using the model of Gershan Feder, how a new technology is adopted in agriculture by the farmer under production uncertainly.

(b) Show with the help of a theoretical model that excess depletion of ground water may lead to unsustainability of growth in agriculture.

3. Answer any *one* question :　　　　　　　1×10

(a) Explain the role of technological change in productivity growth in traditional agriculture and examine the relationship between farm size and rate of adoption of a new technology when the farmers are risk-averse.　　　　　　　3+7

(b) What is soil degradaion ? Show using a theroretical model, how policy intervention of the govt. can ensure sustainable growth in agriculture.   3+7

Group—B

4. Answer any *two* questions :   2×2

   (a) Define tenancy farming.

   (b) Distinguish between fixed rent and share contract in tenancy farming.

   (c) Discuss the concept of 'marketing margin' in the context of agricultural marketing.

   (d) Examine the role of information technology in agricultural marketing.

5. Answer any *one* question :   1×6

   (a) Show how the optimal area of rented land is determined by the tenant under tenancy farming.

   (b) Discuss the nature of credit market imperfection and examine its impact on semi-feudal agrarian system.

(Turn Over)

6. Answer any *one* question :   1×10

(a) Examine the role of oligopsony in the typical marketing channel of agricultural commodities. To what extent, FDI in agricultural retail trade can solve the problems of agricultural marketing in countries like India ?

5+5

(b) Show, using diagrams, the price behaviour of agricultural commodities in the short run. Explain the price dynamics of agricultural commodities using Cobweb model.

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