



B.E. / B.Tech. (Full Time) ARREAR EXAMINATIONS, APR / MAY 2011

AGRICULTURAL AND IRRIGATION ENGINEERING BRANCH

SEVENTH SEMESTER – (REGULATION 2004)

AI 471 AGRICULTURAL ECONOMICS AND FARM MANAGEMENT

Time : 3 hrs

Max Marks : 100

Answer ALL Questions

Part – A (10 x 2 = 20 Marks)

- 1) Differentiate Ledger and Balance sheet.
- 2) What is junk value?
- 3) Write a note on Average Physical Product and Marginal Physical Product.
- 4) Write the Cobb-Douglas production function and explain.
- 5) Expand and explain MVP of input and MIC.
- 6) Discuss an isoquant with a figure and list down its properties.
- 7) What is labour efficiency and how is the labour efficiency index calculated?
- 8) What are the different methods of wage payment?
- 9) List out the factors for poor repayment capacity.
- 10) What is margin of safety?

Part – B (5 x 16 = 80 Marks)

- 11) a) What is valuation? Explain the various valuation methods with suitable examples (6)
- b) Write a short note on depreciation and explain in detail the methods to compute the same. (10)

- 12) a) i) Define law of diminishing returns and equimarginal returns with examples. (7)
- ii) Define depreciation and explain the different types of depreciation. (9)

(or)

- b) i) Determine the optimum level of input and optimum level of output with suitable tabular columns and concepts. (10)
- ii) Describe the three stages of production function. (6)

13) a) What is production possibility curve? Explain the relationships among the products with suitable figures and the types of product substitution. (16)

(or)

b) Discuss in detail with an example each for the estimation of cost of cultivation and cost of production of annual and perennial crops. (16)

14) a) i) Discuss in detail the merits and demerits of owning the land. (9)

ii) What are the factors affecting the farm layout? How will you develop a good farm layout? (7)

(or)

b) i) Classify the farm labour and explain in detail. (8)

ii) What are the various measures to be considered to manage farm risk? (8)

15) a) i) Explain in detail the various repayment plans with suitable examples. (10)

ii) Explain the 3 'R's of credit. (6)

(or)

b) i) Work out a cash flow statement for a hypothetical farm and discuss the same. Assume suitable data. (12)

ii) What are the various classifications of assets and liabilities? (4)