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B.E./B.Tech. (Full Time) DEGREE END SEMESTER EXAMINATIONS, MARCH 2013
AGRICULTURAL AND IRRIGATION ENGINEERING BRANCH
SEVENTH SEMESTER- (REGULATIONS 2008)

AI 9401 AGRICULTURAL ECONOMICS AND FARM MANAGEMENT

Time: 3 hr.

Max. Marks: 100

Answer ALL Questions

PART – A

(10x2 =20 marks)

1. Distinguish between farm management and agricultural management.
2. Sketch a farm layout and indicate its salient aspects.
3. Briefly discuss the types of production function.
4. State the law of diminishing returns.
5. Highlight on the concept of least cost combination of inputs.
6. What is meant by Factor - Factor relationship?
7. List out the factors of production in crop production. Are they different from the term 'input resources'?
8. Briefly explain mobilization of resources.
9. What is meant by farm financial analysis?
10. Highlight on farm planning and control.

PART – B

(5x16=80 marks)

- 11.(a) Discuss the relationship between farm management and other sciences. (8)
(b) Explain farm records and accounts and state how this would be useful for an effective farm management. (8)
 12. (a) Prepare a schedule for a particular crop production by considering some hypothetical data and draw the production function curve. State how the optimum level of input could be worked out from this. (16)
- OR**
12. (b)(i) Describe the advantages of returns to scale. Highlight its classification. (8)
(ii) Explain opportunity cost with some examples. (8)
 13. (a) Explain the different types of costs and draw all the cost curves. Is there a chance for marginal cost becoming zero? (16)

OR

13. (b)(i) Highlight the salient aspects to be included in an interview schedule for farm data collection. (8)
(ii) Describe cost of cultivation and highlight its estimation for a profitable agriculture. (8)

14. (a)(i) Explain the concept of risk and uncertainty in farming. (8)
(ii) State break even analysis and its use in agricultural economics. (8)

OR

14. (b) Discuss the discounting methods to identify the most profitable project alternatives. With your own example, rank the alternatives using benefit - cost method. (16)

15. (a)(i) Explain the differences between partial budgeting and complete budgeting. (8)
(ii) Distinguish between balance sheet and income statement in financial analysis. (8)

OR

15. (b) Write short notes on the following.
(i) Farm level management information system
(ii) Preparation of cash flow statement (16)