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Question Paper Code: U7A01

B.E./B.Tech. DEGREE EXAMINATION, NOV 2024

Seventh Semester

Agricultural Engineering

21UAG701-FARM MANAGEMENT AND FINANCE

(Regulations 2021)

Duration: Three hours

Maximum: 100 Marks

PART A - (10 x 1 = 10 Marks)

1. What does farm management primarily focus on? CO1-U
 - (a) Increasing crop diversity
 - (b) Maximizing farm profit
 - (c) Soil conservation techniques
 - (d) Farm machinery maintenance
2. Which of the following is NOT a component of farm layout? CO1-U
 - (a) Field arrangement
 - (b) Machinery placement
 - (c) Crop marketing
 - (d) Irrigation channels
3. Which concept refers to the point at which marginal cost equals marginal revenue? CO1-U
 - (a) Optimum production
 - (b) Equilibrium price
 - (c) Diminishing returns
 - (d) Economies of scale
4. What are equi-marginal returns? CO1-U
 - (a) Equal distribution of returns
 - (b) Maximizing profit by allocating resources
 - (c) Concept of returns diminishing as more inputs
 - (d) Allocation of resources equally
5. Which of the following is represented by an isoquant curve? CO1-U
 - (a) Different combinations of inputs
 - (b) Different levels of revenue
 - (c) The expansion path of the farm business
 - (d) The least-cost combination of inputs

6. The production possibility curve demonstrates: CO1-U
- (a) The relationship between two inputs
 - (b) The max possible output combinations of two products
 - (c) The cost of production for different crops
 - (d) The least-cost combination of inputs
7. Which of the following is a resource mobilization activity in farm management? CO1-U
- (a) Hiring additional labor during peak seasons
 - (b) Applying fertilizer to crops
 - (c) Irrigation management
 - (d) Crop rotation planning
8. Which of the following is NOT a type of resource in farm management? CO1-U
- (a) Land
 - (b) Labor
 - (c) Technology
 - (d) Weather
9. Which financial statement provides a snapshot of a farm's assets, liabilities, and equity at a specific point in time? CO1-U
- (a) Income statement
 - (b) Cash flow statement
 - (c) Balance sheet
 - (d) Profit and loss statement
10. Which type of budgeting focuses on analyzing the costs and benefits of a specific section of the farm? CO1-U
- (a) Whole farm budgeting
 - (b) Partial budgeting
 - (c) Seasonal budgeting
 - (d) Annual budgeting

PART – B (5 x 2= 10Marks)

11. Explain the relationship between farm management and agricultural economics. CO1-U
12. Define equi-marginal returns with suitable example. CO1-U
13. What is an isoquant curve? Explain its significance in farm production. CO1-U
14. What is risk in farm management? Mention two causes of uncertainty in agriculture. CO1-U
15. What is cash flow analysis in the context of farm management? CO1-U

PART – C (5 x 16= 80Marks)

16. (a) Describe the basic concepts involved in farm management. Add a note on the decision-making process in farm management. CO1-U (16)

Or

- (b) What are the steps involved in farm management decision-making? CO1-U (16)

17. (a) Describe the demand and supply concept and explain how it influences market equilibrium. CO1-U (16)
- Or
- (b) What is the law of diminishing returns, and how does it affect production decisions in agriculture? CO1-U (16)
18. (a) What is an isoquant, and how is it used in farm management to analyze input combinations? CO2-App (16)
- Or
- (b) How can farmers determine the optimal levels of inputs and outputs for maximum efficiency? CO2-App (16)
19. (a) Describe the types of resources (land, labor, capital) and their roles in farm management. CO1-U (16)
- Or
- (b) Explain the concept of break-even analysis and its application in farm management. CO1-U (16)
20. (a) Describe the relationship between farm management practices and financial analysis. CO1-U (16)
- Or
- (b) Describe the steps involved in whole farm budgeting and its importance in farm management. CO1-U (16)

