



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF**  
**BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION**  
**SECOND SEMESTER, 2023/2024**  
**(JANUARY-APRIL, 2024)**

**AGBM 344: FARM MANAGEMENT**

**STREAM: Y3 S2**

**TIME: 2 HOURS**

**DAY: THURSDAY, 12:00 – 2:00 P.M.**

**DATE: 11/04/2024**

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**INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE and any other THREE questions.***

**QUESTION ONE (40marks)**

- Define farm management and explain its significance in agricultural operations. (10marks)
- Discuss the main functions of farm management and the role of decision-making in farm operations. (10marks)
- Explain the importance of farm planning and budgeting in achieving farm objectives. (10marks)
- Discuss the basic components of a linear programming model for farm management. (10marks)

**QUESTION TWO (20marks)**

- Explain the principles of good livestock management and animal husbandry practices. (10marks)
- Discuss how farmers implement sustainable crop management practices to improve long-term productivity and environmental sustainability. (10marks)

### **QUESTION TREE (20marks)**

- a) Discuss the factors that influence the economics of crop production. How do input costs, market prices, government policies, and environmental conditions affect the profitability of crop farming. (10marks)
- b) Discuss the role of economies of scale in permanent crop production. (10marks)

### **QUESTION FOUR (20marks)**

- a) Explain the importance of financial management and record keeping in farm operations. (10marks)
- b) Discuss the key financial ratios and indicators used to assess farm performance. (10marks)

### **QUESTION FIVE**

- a) Discuss the importance of market research and analysis in developing effective marketing strategies. (10marks)
- b) Discuss the role of extension services and agricultural advisors in helping farmers adopt linear programming and optimization techniques in their farm management practices. (10marks)