

UNIVERSITY OF KABIANGA  
UNIVERSITY EXAMINATIONS THIRD YEAR FIRST SEMESTER 2016/2017

**AFR 311: FARM PLANNING AND MANAGEMENT**

**INSTRUCTIONS TO CANDIDATES**

Include Illustrations where appropriate

**SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION (30 MARKS)**

- 1) Explain the following concepts as used in Farm Planning and management
  - i) Whole Farm Planning (1 mark)
  - ii) Linear Programming Technique (1 mark)
  - iii) Uncertainty (1 mark)
  - iv) Sensitivity Analyses (1 mark)
  - v) Risks (1 mark)
  - vi) Farm Lay-out ✓ (1 mark)
- 2) Name two examples of whole farm planning models ✓ (2 marks)
- 3) Explain six whole farm plan inventories (assessment) concepts in farm planning (6 marks)
- 4 Explain three (3) types of budgets in farm planning ✓ (6 marks)
- 5 The problems of resource use and allocation involve the application of five economic principles. Explain these principles ✓ (10 marks)

Linear Programming  
Resource use and allocation

**SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SECTION (40 MARKS)**

- 6 Discuss the stages of developing a "whole farm planning process" highlighting their importance for a successful farm enterprise establishment (20 Marks)
- 7 Discuss some of the potential farmers' risk management strategies at production, marketing and financial functional orientations (20 Marks)
- 8 a) Describe the importance of record keeping in Farm Planning and management (6 Marks)
- b) Discuss the characteristics and phases of record keeping in terms of farm planning and management (14 Marks)

inventories ✓  
assessment ✓  
recording ✓  
planning ✓