

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF AGRIBUSINESS MANAGEMENT

AGBM 811: FARMING SYSTEMS

STREAMS: MSC AGBM Y1S1

TIME: 3 HOURS

DAY/DATE: THURSDAY 12/04/2018

2.30 P.M. – 5.30 P.M.

INSTRUCTIONS:

- Answer all questions in section A and any two in section B.
- Answer each question on separate pages.

SECTION A

ANSWER ALL QUESTIONS (20 MARKS)

1. (a) Describe the nature of agricultural systems and illustration how these systems are different from other contemporary production systems. (5 marks)
- (b) An household is the centre of agricultural production in the Sub-Saharan Africa and Asia. In light to this statement, describe the role of the household in agricultural development. (5 marks)
- (c) Describe the measures that a typical farming household can embark in order to reduce risks and uncertainty associated with the agricultural production. (10 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

2. (a) Describe and briefly explain with examples the common situations in Village-level agricultural systems. (5 marks)
- (b) Farmer and farm circumstances are the major underlying factors that influence agricultural technology adoption. Discuss. (5 marks)

- (c) Discuss the implication of high population on agricultural production systems in Africa. Give relevant examples where necessary. (10 marks)
3. (a) Farming systems are dynamic. Discuss the relevance of this statement with regard to the achievement of farm objectives. (10 marks)
- (b) Discuss how a sustainable food system can be achieved in the context of the Kenyan economy. (10 marks)
4. (a) Farmer attitudes and behaviors are influenced by a range of economic, external, internal and social factors. Discuss the validity of this statement. (10 marks)
- (b) Illustrate the structural elements of the farm-household system. (10 marks)
5. (a) Distinguish among enterprise integration, diversification and specialization. (6 marks)
- (b) Illustrate the effects of population pressure and spontaneous intensification on farming systems. (14 marks)
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