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**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF AGRICULTURAL AND FOOD SCIENCES**

**UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT,**

**FIRST YEAR FIRST SEMESTER 2017/2018 ACADEMIC YEAR**

**REGULAR**

**COURSE CODE:** AAE 3113

**COURSE TITLE:** Farming systems and rural livelihoods

**STREAM:** BSc Agribusiness Management, BSc. Horticulture, BSc. Food Security, BSc. Soil Science

**DATE: EXAM SESSION:**

**EXAM VENUE: TIME: 2.00 HOURS**

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**Instructions:**

1. **Answer ALL question in Section A (compulsory) and ANY other TWO questions in Section B.**
2. **Candidates are advised not to write on the question paper.**
3. **Candidates must hand in their answer booklets to the invigilator while in the examination room.**

**SECTION A [30 MARKS]**

**Answer ALL questions from this Section.**

1. Defined the following terms
   1. Farming system. [2Marks]
   2. Sustainable livelihood. [2 Marks]
   3. Safety nets. [2 Marks]
   4. Livelihood approach. [2 Marks]
   5. Livelihood framework. [2 Marks]
2. Discuss the term sustainability as used in the management of natural capital. [2 Marks]
3. Characterise four conditions necessary in a perfect property rights markets. [8 Marks]
4. Illustrate the linkages that exist in investment in the components of human capital (health and education). [5 Marks]
5. Discuss factors that influence household’s level of human capital. [5 Marks]

**SECTION B [40 MARKS]**

**Answer ANY TWO questions from this Section.**

1. Analyse the conditions that facilitate fair and efficient management of common property resources. [20 Marks]
2. Explain external factors that influence the development of farming systems in Kenya. [20 Marks]
3. Discuss the livelihood assets that determines people’s choice of livelihood as well as the degree of influence they have over policy, institutions and process. [20 Marks]
4. Discuss the role of government in agricultural transformation in Kenya. [20 Marks]