



# **KISII UNIVERSITY**

## **UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF ARTS IN GEOGRAPHY  
SECOND SEMESTER, 2021/2022  
(FEBRUARY - JUNE, 2022)**

### **GEOG 321: AGRICULTURE GEOGRAPHY**

**STREAM: Y3 S2**

**TIME: 2 HOURS**

**DAY:**

**DATE:**

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#### **INSTRUCTIONS:**

- 1. Do not write anything on this question paper.**
- 2. Answer Question ONE (Compulsory) and any other TWO Questions.**

#### **QUESTION ONE**

- Explain what agitated the development of early agriculture in the ancient World. [5 marks]
- Discuss the role of the government, climate and culture in promoting the development of agricultural landscapes in Kenya. [15 marks]
- Assess impact of modern agriculture on the environment. [10 marks]

#### **QUESTION TWO**

Explain how the following technological advances have transformed agricultural landscapes in the world.

- The second agricultural revolution [6 marks]
- The development of nitrogen fertilizers [6 marks]
- The 'Green Revolution' [8 marks]

### **QUESTION THREE**

- a. Using a well labelled diagram, describe the locational agricultural landuse model. [10 marks]
- b. Assess the relevance and critics of the above model in the contemporary world. [10 marks]

### **QUESTION FOUR**

- a. Explain five major differences between commercial and subsistence system in agriculture. [10 marks]
- b. Discuss the challenges facing agricultural productions in the less developed countries. [10 marks]

### **QUESTION FIVE**

- a. Outline the key principles that are associated to sustainable agriculture. [5 marks]
- b. Discuss the importance of agriculture in socioeconomic development. [15 marks]