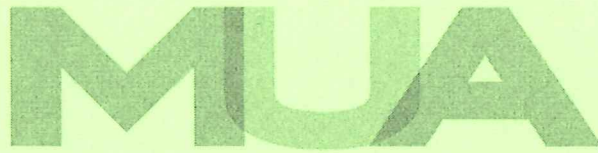


The
Management
University
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UNDERGRADUATE UNIVERSITY EXAMINATIONS

SCHOOL OF MANAGEMENT AND LEADERSHIP

DEGREE OF BACHELOR OF EDUCATION ARTS

GEO 314: AGRICULTURAL GEOGRAPHY

DATE: 5TH AUGUST 2024

DURATION: 2 HOURS

MAXIMUM MARKS: 70

INSTRUCTIONS:

1. Write your registration number on the answer booklet.
2. **DO NOT** write on this question paper.
3. This paper contains **SIX (6)** questions.
4. Question **ONE** is compulsory.
5. Answer any other **THREE** questions.
6. Question **ONE** carries **25 MARKS** and the rest carry **15 MARKS** each.
7. **Write all your answers in the Examination answer booklet provided.**

QUESTION ONE

Read the case study below carefully and answer questions that follow:-

AGRICULTURAL GEOGRAPHY FOR SUSTAINABLE DEVELOPMENT

The study of geography has been subdivided into various branches; this gives the discipline a better approach being a vital Arts and Science course. Such branches include environment geography settlement geography, Human geography, and agricultural geography among others. The branch agricultural geography enables geographers to research more on the effects and the need for agriculture as an economic activity in the environment which entails the study of spatial development.

Through agricultural studies, we are able to identify suitable agricultural practices based on the geographical findings such as appropriate soils, topography, influence of climate on agriculture, trade, where we need to locate suitable markets in various world regions for agricultural products. Such studies enhance agriculture for economic development. This can best be achieved in the relations between agricultural studies and geography.

Required:

- a) Analyze any five geographical knowledge students need to apply in crop farming. **(5 Marks)**
- b) The current climate change has had an impact on agricultural production. Propose any five measures world countries would do in an attempt to mitigate this phenomenon. **(10 Marks)**
- c) One of the problems affecting Kenya today is food insecurity. Evaluate five geographical factors that have contributed to the problem. **(5 Marks)**
- d) Assess five factors for the study of agricultural geographical. **(5 Marks)**

QUESTION TWO

- a) Citing appropriate examples, suggest five factors that influence agricultural development in the World Agricultural regions. **(10 Marks)**
- b) Propose any five cultural practices that hinder agricultural production in Kenya. **(5 Marks)**

QUESTION THREE

- a) It is estimated that about 20% of the world's cultivated land is irrigated. Justify with five main reasons **(10 Marks)**
- b) Citing examples, propose two appropriate irrigation techniques to sensitize farmers. **(5 Marks)**

QUESTION FOUR

- a) Analyze five effects of population pressure on land use patterns. **(10 Marks)**
- b) Geographical features affect agricultural patterns. Propose ways any five physical features to determine agricultural patterns. **(5 Marks)**

QUESTION FIVE

- a) Much of the agricultural land in Kenya is affected by land reforms. Describe this concept as studied in agricultural geography. **(2 Marks)**
- b) Propose three measures the government of Kenya participates in land reform programmes. **(3 Marks)**
- c) Analyze five appropriate farming practices to mitigate arable land degradation. **(10 Marks)**

QUESTION SIX

- a) Evaluate five significance of horticultural farming in developing countries. **(10 Marks)**
- b) Propose five hindrances to effective horticultural farming practices in Kenya **(5 Marks)**

