



OFFICE OF THE DEPUTY PRINCIPAL  
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

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# UNIVERSITY EXAMINATIONS

## 2021/2022 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER REGULAR EXAMINATION

**FOR THE DEGREE OF BACHELOR OF  
EDUCATION (ARTS/BUSINESS STUDIES)**

**COURSE CODE: GEO 410**

**COURSE TITLE: AGRICULTURAL GEOGRAPHY**

**DATE: 27/1/2022**

**TIME: 9-12PM**

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### INSTRUCTION TO CANDIDATES

- SEE INSIDE

**THIS PAPER CONSISTS OF 3 PRINTED PAGES**

**PLEASE TURN OVER**

**INSTRUCTIONS TO CANDIDATES**

- i. Answer Question **ONE** and any other **TWO** questions.
- ii. Maps, sketches and diagrams should be used whenever they serve to illustrate the answer.
- iii. Do not write on the question paper.

**Question One**

- a) Define the term food insecurity (2 Marks)
- b) Highlight parameters used to determine agricultural systems. (8 Marks)
- c) With reference to Kenya, explain the importance of agriculture on the environment. (20 Marks)

**Question Two**

- a) What is green revolution? (2 Marks)
- b) Highlight FOUR characteristics of green revolution. (8 Marks)
- c) 'Africa achieved little benefits, if any, from green revolution'. Discuss the validity of this statement. (10 Marks)

**Question Three**

Describe any TWO of the following systems of farming:

- a) Intensive farming system. (10 Marks)
- b) Commercial farming system. (10 Marks)
- c) Pastoral farming system. (10 Marks)

**Question Four**

- a) Explain FIVE technological constraints which affect agricultural productivity in Kenya. (10 Marks)
- b) Suggest workable interventions to the above (4a) constraints. (10 Marks)

**Question Five**

Discuss the factors determining food situation in sub-Saharan Africa. (20 Marks)

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