



Kasarani Campus  
Off Thika Road  
P. O. Box 49274, 00101  
NAIROBI  
Westlands Campus  
Pamstech House  
Woodvale Grove  
Tel. 4442212  
Fax: 4444175

**KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATION, 2024/2025 ACADEMIC YEAR**  
**THIRD YEAR, SEMESTER ONE & TWO EXAMINATION**  
**BACHELOR OF EDUCATION (ARTS)**  
**KGE 2404: AGRICULTURAL GEOGRAPHY**

Date: 11th December 2024  
Time: 11.30am-1.30pm

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

- a) Examine the concerns of agricultural geographers. (5 marks)
- b) Explain how the following data sources are used on agricultural studies:
  - i. Agricultural census. (4 marks)
  - ii. Field surveys. (4 marks)
- c) What is green revolution? (3 marks)
- d) Explain how pastoral nomads adapt to harsh environments. (8 marks)
- e) Discuss the evolution of agriculture. (6 marks)

**QUESTION TWO (20 MARKS)**

- a) Citing specific examples, discuss the effect of the following factors on agriculture in the developing world:
  - i. Soils. (5 marks)
  - ii. Water resources. (5 marks)
- b) Development cannot be achieved without agriculture. Comment. (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Examine Von Thunen's Theory of Agricultural land use in terms of:
  - i. Assumptions (6 marks)
  - i. Weaknesses (6 marks)
- b) Analyze how the transportation systems influence agricultural productivity in developing countries. (8 marks)

**QUESTION FOUR (20 MARKS)**

- a) Discuss the causes of food insecurity in Africa. (12 marks)
- b) Suggest solutions to the challenges in **Question Four a)** above. (8 marks)

**QUESTION FIVE (20 MARKS)**

- a) Explore the significance of green revolution. (10 marks)
- b) Differentiate between intensive and extensive methods of farming, give examples of where this is practiced in Kenya. (10 marks)