



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF
MASTER OF ARTS IN GEOGRAPHY
FIRST SEMESTER, 2021/2022
(FEBRUARY - JUNE, 2022)

GEOG 813: ADVANCED AGRICULTURAL GEOGRAPHY

STREAM: Y1 S1

TIME: 3 HOURS

DAY: TUESDAY, 9:00 – 12:00 P.M.

DATE: 31/05/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer any other THREE Questions.***

QUESTION ONE

- Critically analyse the approaches which have been adopted to modernize traditional agricultural land uses. [10 marks]
- Explain the challenges that have hampered the modernization of traditional land uses in third world countries. [5 marks]
- Outline the role of remote sensing in agriculture. [5 marks]

QUESTION TWO

- Assess the impact of food aid in Sub-Saharan Africa. [10 marks]
- Why is achieving food security a major predicament in the above named region? [10 marks]

QUESTION THREE

Critically examine the actors that influence the process and pattern in agricultural production. [20marks]

QUESTION FOUR

- a. Explain the concept of sustainable agriculture and why it is paramount to embrace it. [10 marks]
- b. Discuss the role of government intervention and policies in agricultural development. [10 marks]

QUESTION FIVE

- a. Outline the elements and importance of agricultural transformation. [15 marks]
- b. Explain impact of capital accumulation on agricultural production. [5 marks]