



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:

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]