

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF ARTS IN
GEOGRAPHY

GEOG 323: AGRICULTURAL GEOGRAPHY

STREAMS: BA (GEOG) Y3S1

TIME: 2 HOURS

DAY/DATE: FRIDAY 14/12/2018

11.30 A.M - 1.30 P.M.

INSTRUCTIONS

- Answer Question One and any other Two Questions
- Do not write on the question paper

- (a) Write short essays on the following;

(i) Agriculture	[2 Marks]
(ii) Pastoral Nomadism	[2 Marks]
(iii) Polyculture	[2 Marks]
(iv) Environmental Determinism	[2 Marks]
(v) Agro ecosystem	[2 Marks]
- (b) Discuss the Von Thunens model of agricultural land use and show its application to agricultural planning in Kenya today. [10 Marks]
- (c) Discuss the role of agriculture in economic development of Kenya. [10 Marks]
- (a) Define the term food security. [2 Marks]

(b) Discuss four main causes of food insecurity in Africa. [8 Marks]

(c) Discuss five possible solutions to food security related problems in Africa. [10 Marks]
- (a) Trace the process of domestication of animals and plants from 10,000 years ago to modern times. [14 Marks]

(b) State the effects of domesticated species on humans. [6 Marks]

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4. Discuss five models relating to Agricultural Development. [20 Marks]

5. (a) Explain any two factors that hinder the diffusion of agricultural innovations in Arid and Semi-Arid areas. [6 Marks]

(b) Discuss the nature of farm-level systems. [14 Marks]

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