

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF

GEOG 300: GEOGRAPHY OF EAST AFRICA

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 02/02/2021

8.30 A.M – 10.30 A.M.

INSTRUCTIONS

- **Answer Question ONE and any other two questions, atleast ONE question from each section**
- **Use illustrations where appropriate**

1. a) Explain the following terms:

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| i. Crystalline rocks | (2 marks) |
| ii. Satellite city | (2 marks) |
| iii. Urban agriculture | (2 marks) |
| iv. Lava plateau | (2 marks) |
| b) Discuss how the asymmetry of the Rift valley affects human activities | (6 marks) |
| c) Illustrate the how East Africa's plateau is a resource for attaining sustainable development goals | (8 marks) |
| d) State Lester C. King theory of Evolution of African landscapes and critique its practicability | (8 marks) |

Section A: Physical Realm

2. a) Discuss the threats to the savanna vegetation in East Africa. (8 marks)
b) Account for the geology of the East Africa's landscape in Cenozoic period (10 marks)
3. a) "The soil units of East Africa tend to be relatively small" Explain? (10 marks)
b) Discuss the effects on climate of the airmasses that blow in East Africa (10 marks)

Section B: Human Realm

4. a) Using the concentric circles model of urban areas, discuss the morphology of Nairobi. (8 marks)
- b) How do physical factors Influence variation in type and Intensity of agricultural activities in East Africa. (12 marks)
5. With increase in human population and settlements what environmental challenges face the coastal plains and Highlands of East Africa? (20 marks)
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