

CHUKA



UNIVERSITY

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CHUKA/CHOGORIA CAMPUS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
EDUCATION (ARTS)**

GEOG 314: BIOGEOGRAPHY

STREAMS: B.ED (ARTS)

TIME: 2 HOURS

DAY/DATE: TUESDAY 19/12/2023

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS

- **Answer question one and any other two questions**
- **Use illustrations where appropriate**

1. a) Write short explanatory notes on the key concepts listed below:
 - i) Biogeography (4 marks)
 - ii) Vegetation succession (4 marks)
 - iii) Extinction (4 marks)
 - iv) Adaptation (4 marks)
 - v) Biosphere (4 marks)b) Using relevant examples identify and describe the two approaches to biodiversity conservation in Kenya. (10 marks)
2. Examine the Nitrogen cycle and explain its significance in the ecosystem. (20 marks)
3. Discuss any five (5) key factors to soil formation. (20 marks)
4. a) i) What is a biome? (2 marks)
ii) Give two examples of biome (2 marks)

b) Identify and describe any four (4) abiotic factors that influence the survival and distributions of flora and fauna. (16 marks)

5. Use examples to explain how man is affecting the Kenyan Urban environment with economic activities as mining, agricultural activities and urbanization. (20 marks)

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