

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

GEOG 303: BIOGEOGRAPHY

STREAMS: BED (ARTS) SB

TIME: 2 HOURS

DAY/DATE:

INSTRUCTIONS:

- ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS
- SKETCH MAPS AND DIAGRAMS MAY BE USED TO ILLUSTRATE YOUR ANSWERS

1. (a) Use examples where possible to define the terms below;
 - (i) Biogeography [4 marks]
 - (ii) Biomes [4 marks]
 - (iii) Extinction [4 marks]
 - (iv) Adaptation [4 marks]
 - (v) Ecosphere [4 marks]

(b) Explain the different ways in which plants and animals migrate. [10 marks]
 2. Explain the role of climate, soil and topography in the functioning of an ecosystem. [20 marks]
 3. Use examples to explain how man may affect an environment when he carries out such economic activities as mining, agricultural activities and urbanization. [20 marks]
 4. Distinguish between ecosystem structure and ecosystem functions. [20 marks]
 5. Using examples discuss five processes which determine the type of soils formed in a particular place on earth. [20 marks]
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