

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS**

**RESIT /SPECIAL**

**EXAMINATIONS FOR THE AWARD OF DEGREE OF BACHELOR OF  
EDUCATION ARTS**

**GEOG 314: BIOGEOGRAPHY**

**STREAMS: BED (ARTS)**

**TIME: 2 HOURS**

**DAY/DATE: WEDNESDAY 11/8/2021**

**2.30 P.M. – 4.30 P.M.**

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**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO  
QUESTIONS**

1. Write brief notes to distinguish and explain the concepts listed below:
    - a. biogeography and Ecology (6 marks)
    - b. ecosystem and Environment (6 marks)
    - c. Adaptation and Migration (6 marks)
    - d. Soil profile and Soil catena (6 marks)
    - e. Predator and Competitor (6 marks)
  2. Explain ways in which human activities and symbiosis may influence dispersal of plants and animals (20 marks)
  3. State the four factors which determine soil formation and explain the processes (20 marks)
  4. Expound on the two physical components of the environment (20 marks)
  5. what processes are involved in energy transfer in trophic levels (20 marks)
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