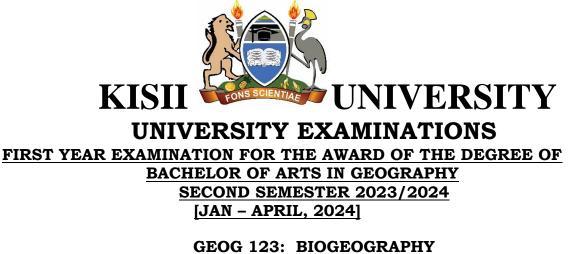
GEOG 123



STREAM: Y1 S2

TIME: 2 HOURS

DATE: 11/04/2024

DAY: THURSDAY, 3:00 - 5:00 P.M.

INSTRUCTIONS

- 1. Do not write anything on this question paper.
- 2. Answer question ONE (Compulsory) and any other TWO questions.

QUESTION ONE

a) Explain the following terms: (10 Marks) **Biodiversity** i) (2 Marks) ii) **Biogeochemical cycle** (2 Marks) iii) Ecology (2 Marks) Ecological succession iv) (2 Marks) Speciation v) (2 Marks) b) Examine the three branches of biogeography (12 Marks) c) Differentiate between the following: Endemic and disjoint distributions i) (4 Marks) ii) Food web and food chain (4 Marks)

QUESTION TWO

With the aid of a diagram, describe the stages and implications of the nitrogen cycle to the physical environment (20 Marks)

QUESTION THREE

Discuss the economic importance of biodiversity to a nation	(20 Marks)
QUESTION FOUR	
Using relevant example, explain the types of species interactions in ecosystem	n an (20 Marks)
QUESTION FIVE	
Discuss the effects of human activities to an ecosystem	(20 Marks)