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(Knowledge for development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

MAIN EXAMINATION

FOURTH YEAR SECOND SEMESTER

FOR THE DEGREE OF BACHELOR OF EDUCATION ARTS

COURSE CODE: GEO 422

COURSE TITLE: BIOGEOGRAPHY

DATE: 31/8/22

TIME: 2. PM

INSTRUCTIONS TO CANDIDATES

1. Answer Question ONE (Q1) Compulsory
2. Answer any other TWO (2) Questions
3. Use illustration where appropriate

This paper consists of 3 printed pages. Please Turn Over.

QUESTION 1 (COMPULSORY)

Describe the following concepts as used in biogeography

- a. Biogeography (5 Marks)
- b. Invasive species (5 Marks)
- c. Relict Species (5 Marks)

Discuss the main factors influencing distribution of species in Kenya (15 Marks)

QUESTION 2

Discuss the effects of climate change on biodiversity in Kenya (20 Marks)

QUESTION 3

Critically analyse the view that human induced hazards have a natural origin (20 Marks)

QUESTION 4

Critically analyse the view that population increase in Kenya is responsible for the degradation of aquatic biodiversity in Kenya (20 Marks)

QUESTION 5

Describe critical areas of focus in phytogeography (20 Marks)