



**ALUPE UNIVERSITY**  
COLLEGE  
*Bastion of Knowledge...*

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OFFICE OF THE DEPUTY PRINCIPAL  
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

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## UNIVERSITY EXAMINATIONS

### 2019/2020 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER REGULAR EXAMINATION

FOR THE DEGREE OF BACHELOR OF  
EDUCATION (ARTS/BUSINESS STUDIES)

COURSE CODE: GEO 311E

COURSE TITLE: BIOGEOGRAPHY

DATE: 13<sup>TH</sup> DECEMBER, 2019

TIME: 2.00 PM – 5.00 PM

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### INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

**GEO 311 E: BIOGEOGRAPHY**

**STREAM: BED (Arts)**

**DURATION: 3Hours**

**INSTRUCTIONS TO THE CANDIDATE**

- i. *Answer questions ONE and any other TWO questions.*
- ii. *Maps, sketches and diagrams should be used whenever they serve to illustrate the answer.*
- iii. *Do not write on the question paper*

**Question One**

- a) What are the fundamental principles of biogeography (5 Marks)
- b) Explain how biogeography promote wildlife conservation (5 Marks)
- c) Describe the biodiversity of forest biomes (5 Marks)
- d) Outline FIVE limits of micro-organism distribution in their habits (5 Marks)
- e) Explain the human effort to increase chances of survival for wild animals in their habitats (5 Marks)
- f) Examine the chain and web relationships of organism in the biomes (5 Marks)

**Question Two**

- a) What are the biotic limiting factors for plants and animals (10 Marks)
- b) Explain the influence of soils and plants on human survival in the environment (10 Marks)

**Question Three**

- a) Explain FIVE different pollutants common in slum settlements (10 Marks)
- b) Explain FIVE ways by which the environment impacts are assessed in the slums (10 Marks)

**Question Four**

- a) Examine the impacts of natural hazards on flora and fauna in the environment (10 Marks)
- b) Explain the mitigation and adoption approaches against climate change on flora and fauna's survival (10 Marks)

**Question Five**

- a) Explain how organisms evolve on the surface of the Earth under the influence of humans (10 Marks)
- b) Discuss the advantages and disadvantages of research for evolution of animals and plants (10 Marks)

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