

UNIVERSITY OF ESWATINI



SEMESTER 1 RE-SIT EXAMINATION PAPER, JANUARY 2020

B.A., BASS, B. Ed. (FT/PT)

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND PLANNING

COURSE CODE: GEP311/312

PAPER TITLE: Biogeography

TIME ALLOWED: Three (3) Hours

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- INSTRUCTIONS:**
1. This paper consists of Section (A) and (B)
  2. Section A is compulsory
  3. Answer any TWO questions from EACH Section
  4. Illustrate your answers with examples and clearly drawn diagrams where appropriate

**ALLOCATION OF MARKS:**

- Question A carries 40 Marks
- : In Section B, each question carries 30 Marks
- : Total marks for the paper is 100

*Candidates may complete the front cover of their answer book when instructed by the Chief Invigilator and sign their examination attendance card but must NOT write anything else until the start of the examination period is announced.*

*No electronic devices capable of storing and retrieving text, including dictionaries and any form of foreign material may be used while in the examination room*

**DO NOT Turn examination paper over until instructed to do so**

**GEP311/312: BIOGEOGRAPHY – JANUARY 2020**

**SECTION A: COMPULSORY**

**QUESTION 1**

- a) Explain any two methods used to determine the alkalinity or acidity of a soil. (20 marks)
- b) Discuss the scope of biogeographical studies. (20 marks)
- (40 Marks)**

**SECTION B: ANSWER ANY TWO QUESTIONS**

**QUESTION 2**

Discuss the two most common features used to classify ecosystems. (30 Marks)

**QUESTION 3**

Critically analyse the theory of Island Biogeography. (30 Marks)

**QUESTION 4**

Using examples, discuss the factors influencing the biomass present in any particular place. (30 Marks)

**QUESTION 5**

Discuss the factors influencing the composition of a Climax Community. (30 Marks)