



UNIVERSITY EXAMINATIONS

SECOND SEMESTER 2023/2024 ACADEMIC YEAR

**FIRST YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF EDUCATION (ARTS)**

**GEOG 127: INTRODUCTION TO PHYSICAL BIOLOGICAL
GEOGRAPHY**

STREAM: R

TIME: 2 HRS

DAY: TUESDAY [2.30 – 4.30 P.M]

DATE: 16/04/2024

THIS QUESTION PAPER CONSISTS OF TWO (2 PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.

INSTRUCTIONS TO CANDIDATES

- i) Answer **QUESTION ONE** and **ANY OTHER TWO** Questions.
- ii) Maps, sketches, diagrams and examples should be used where they serve to illustrate the answers.

QUESTION ONE (30 MARKS)

- a) Differentiate the following terms:
 - i) Physical Geography and Biogeography **(4 Marks)**
 - ii) Physical environment and landforms **(4 Marks)**
- b) Briefly describe any **FIVE** abiotic components of the physical environment **(10 Marks)**
- c) Using a diagram, discuss how endogenic processes influence formation and distribution of
- d) fold landforms around the world **(12 Marks)**

QUESTION TWO (20 MARKS)

- a) Explain any **FIVE** causes of volcanicity **(10 Marks)**
- b) Discuss any **FIVE** negative impacts of volcanicity on the physical environment **(10 Marks)**

QUESTION THREE (20 MARKS)

- a) Discuss the Plate Tectonic Theory **(10 Marks)**
- b) Explain any **FIVE** biogeographic evidences supporting the Continental Drift Theory **(10 Marks)**

QUESTION FOUR (20 MARKS)

- a) Explain the role of the hydrological cycle in the distribution of water in the global hydrosphere **(10 Marks)**
- b) Discuss any **FIVE** factors influencing heat transfer in the atmosphere **(10 Marks)**

QUESTION FIVE (20 MARKS)

- a) Discuss any **FIVE** factors influencing the growth of flora in the highland forests in Kenya **(10 Marks)**
- b) Explain any **FIVE** effects of anthropogenic activities on the physical environment **(10 Marks)**