



UNIVERSITY EXAMINATIONS

FIRST SEMESTER 2025/2026 ACADEMIC YEAR

**FIRST YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN GEOGRAPHY**

GEOG 111: THE PHYSICAL ENVIRONMENT

STREAM: R

TIME: 2 HRS

DAY: FRIDAY [8.30 – 10.30 A.M]

DATE: 30/01/2026

THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.

INSTRUCTIONS

- i) Answer question **ONE** and any other **TWO** questions
- ii) Sketch maps and diagrams should be used whenever necessary.
- iii) Do not write on your question paper

QUESTION ONE (30 MARKS)

a) Write short notes on the following concepts:

- i) Physical Environment (4 Marks)
- ii) Denudation process (4 Marks)
- b) Discuss the Plate Tectonic Theory (6 Marks)
- c) Examine any the **two** exogenic processes of landforms development (6 Marks)
- d) Discuss any **five** importance of physical environment to humans (10 Marks)

QUESTION TWO (20 MARKS)

- a) Giving relevant examples, differentiate between intrusive and extrusive processes highlighting the resultant features (10 Marks)
- b) Explain **five** significance of volcanicity to the social environment of a place (10 Marks)

QUESTION THREE (20 MARKS)

- a) Describe the process of the energy flow in an ecosystem (10 Marks)
- b) Examine the physiological adaptations of both flora and fauna in the deserts (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Using a well-labelled diagram, describe the internal structure of the earth (8 Marks)
- b) Explain the process of folding as an endogenic process (12 Marks)

QUESTION FIVE (20 MARKS)

Discuss the effects of climate change on development of landforms (20 Marks)