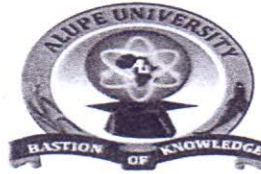


GEO 310



ALUPE UNIVERSITY

OFFICE OF THE DEPUTY VICE CHANCELLOR
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

UNIVERSITY EXAMINATIONS

2025/2026 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER REGULAR MAIN
EXAMINATION

FOR THE DEGREE OF BACHELOR OF
EDUCATION

COURSE CODE: GEO 310

COURSE TITLE: GEOMORPHOLOGY

DATE: 16TH DECEMBER, 2025

TIME: 2.00PM – 5.00PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

GEO 310: GEOMORPHOLOGY

STREAM: BEDDURATION: 3 HOURSINSTRUCTIONS TO CANDIDATESi. Answer *Question ONE* and any other *TWO* questions.

ii. Do not write on the question paper.

Question One

- a) Define the terms mass wasting and denudation as used in geomorphology. (4 Marks)
- b) Explain three ways in which denudation influence landform development. (6 Marks)
- c) Using a well labelled diagram describe the structure of the Earth. (10 marks)
- d) Examine how tectonic movements shape the Earth's surface, giving relevant examples. (10 Marks)

Question Two

Describe the formation of the following volcanic landforms:

- a) Lava Plateaus (4 marks)
- b) Lava Domes (4 marks)
- c) Batholiths (4 marks)
- d) Laccoliths (4 marks)
- e) Dykes (4 marks)

Question Three

- (a) Discuss the causes of chemical weathering (10 Marks)
- (b) Explain five roles of weathering in shaping the landscape. (10 Marks)

Question Four

Describe the following fluvial processes and how they shaping river channels:

- (a) Hydraulic action (5 marks)
- (b) Abrasion (5 marks)

(c) Attrition (5 marks)

(d) Solution (5 Marks)

Question Five

(a) Discuss five factors influencing coastal landform development. (10 Marks)

(b) Explain five factors affecting weathering and mass wasting (10 marks)
