

GEO 322



**ALUPE UNIVERSITY**  
**COLLEGE**

*Bastion of Knowledge...*

P. O. Box 845-50400 Busia(K)  
principal@au.ac.ke  
Tel: +254 741 217 185  
+254 736 044 469  
off Busia-Malaba road

OFFICE OF THE DEPUTY PRINCIPAL  
ACADEMICS, RESEARCH AND STUDENT AFFAIRS

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# UNIVERSITY EXAMINATIONS

## 2021/2022 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER REGULAR MAIN  
EXAMINATION

FOR THE DEGREE OF BACHELOR OF  
EDUCATION (ARTS)

COURSE CODE: GEO: 322

COURSE TITLE: GEOMORPHOLOGY

DATE: 6<sup>TH</sup> JUNE, 2022

TIME: 2.00P.M – 5.00PM

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### INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF 3 PRINTED PAGES

PLEASE TURN OVER

REGULAR –MAIN EXAM

**GEO: 322 GEOMORPHOLOGY**

**STREAM: BED (Arts)**

**DURATION: 3 HOURS**

INSTRUCTIONS TO CANDIDATES

- i. Answer Question *ONE* and any other *Two*
- ii. Do not write on the question paper

**Question One**

- (i) Describe the terms terrestrial and extra-terrestrial geomorphological processes (6 Marks)
- (ii) “Geomorphology is interdisciplinary subject”, giving examples of related disciplines justify the foregoing argument. (6 Marks)
- (iii) Highlight key areas where geomorphological knowledge is applied (6 Marks)
- (iv) Describe three mechanisms involved in geomorphological processes (6 Marks)
- (v) Citing examples describe structural and sculptural landforms (6 Marks)

**Question Two**

- i) Explain two main Aeolian processes (4 Marks)
- ii) Describe the formation of any two Aeolian landforms (10 Marks)
- iii) Highlight significance of Aeolian processes to man (6 Marks)

**Question Three**

- (i) Give two major types of tectonic movements (2 Marks)
- (ii) Apart from, folding name two other endogenic processes (2 Marks)
- (iii) Using well labelled diagrams describe the formation of a nappe (8 Marks)
- (iv) Explain the significance of folding to the physical environment (8 Marks)

**Question Four**

- (i) Using illustrations, describe three processes by which moving water transports sediments (6 Marks)
- (ii) Describe occurrence of landforms in youthful stage of a river (8 Marks)
- (iii) Suggest 6 different ways in which a river valley can be utilised as a resource for national development (6 Marks)

**Question Five**

- (i) Explain five factors influencing the rate of weathering process (10 Marks)
- (ii) Describe major processes involved in mechanical weathering (10 Marks)

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