



UNIVERSITY EXAMINATIONS

1ST SEMESTER 2022/2023 ACADEMIC YEAR

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

GEOG 319: GEOMORPHOLOGY

STREAM: R

TIME: 2 HRS

DAY: MONDAY [2.30PM – 4.30PM]

DATE: 05/12/2022

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.

INSTRUCTIONS

- i. Answer all questions in Section A and ANY TWO questions in Section B
- ii. Marks are indicated in parenthesis
- iii. Do no write on the question paper

SECTION A (40 MARKS)**QUESTION ONE**

Distinguish between the following terms as used in geomorphology:

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|---|------------------|
| (a) Continental and oceanic crust | (2 Marks) |
| (b) Oceanic ridge and continental margins | (2 Marks) |
| (c) Chemical and mechanical weathering | (2 Marks) |

QUESTION TWO

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|--|------------------|
| (a) Outline the areas of focus in Geomorphology. | (3 Marks) |
| (b) Using examples, classify landscapes on the basis of scale. | (6 Marks) |

QUESTION THREE

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| (a) Briefly explain the difference between erosion and mass wasting. | (4 Marks) |
| (b) Outline five coastal geomorphic features | (5 Marks) |

QUESTION FOUR

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| (a) Using examples, describe the major features that define the continents. | (8 Marks) |
| (b) Give a brief account of any four (4) types of chemical weathering | (8 Marks) |

SECTION B (30 MARKS)**QUESTION FIVE**

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|--|------------------|
| (a) Briefly account for the theory of plate tectonics. | (5 Marks) |
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(b) Describe Five (5) major landforms that are attributed to plate tectonic activity.

(10 Marks)

QUESTION SIX

Describe using examples, the volcanoes that define the Kenyan landscapes.

(15 Marks)

QUESTION SEVEN

Explain Five (5) fundamental principles of Geomorphology.

(15 Marks)

