



# UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION

GEG 303: GEOMORPHOLOGY

DATE: APRIL 10, 2018

TIME: 8:30-10:30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Discuss the subject matter of Geomorphology as a branch of Physical Geography (5 marks)
- b) Differentiate between weathering and mass movement (5 marks)
- c) Explain the role of Geomorphology in Environmental management (5 marks)
- d) Discuss five factors that influence slope stability (5 marks)
- e) Distinguish between a ria coast and a coral coast (5 marks)
- f) Explain the effect of weathering process on man's activities (5 marks)

QUESTION TWO (20 MARKS)

Describe and critique William Davis Morris' theory of landscape development (20 marks)

QUESTION THREE (20 MARKS)

Discuss the importance of glacial and periglacial landforms to man (20 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss five factors influencing coastal morphology (15 marks)
- b) Explain factors that influence running water's ability to erode (5 marks)

**QUESTION FIVE (20 MARKS)**

With examples, discuss three kinds of gradational processes

(20 marks)

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