

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
EMBU CAMPUS**

EXAMINATION FOR THE AWARD OF DIPLOMA IN EDUCATION

GEOG 0221: GEOMORPHOLOGY

STREAMS:

TIME: 2 HOURS

DAY/DATE:

INSTRUCTIONS:

- **Answer question one and any other two questions**
- **Use examples and illustrations where necessary to clarify your answers**

1. Write short notes on the following concepts as used in geomorphology
 - (a) Earth movement [5marks]
 - (b) Block mountains and tilt blocks. [5marks]
 - (c) Weathering [5marks]
 - (d) Valleys and canyons [5marks]
 - (e) Faulting [5marks]
 - (f) Loess deposits [5marks]
2.
 - (a) Write brief notes about volcanic cones. [5marks]
 - (b) Account for the formation of the Great East Africa rift valley and its associated features while indicating their significance. [15marks]
3.
 - (a) Discuss different types of plate boundaries while indicating resulting features and their respective economic values. [20marks]

4. (a) Account for different of weathering in different environments. [8marks]
- (b) With the aid of appropriate illustrations describe different river channel patterns while indicating conditions that make it possible for their formation. [12marks]
5. Describe different coastal landforms while indicating their economic significance to country like Kenya. [20marks]
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