

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

IGEMBE CAMPUS

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

GEO 326: GEOMORPHOLOGY

STREAMS: B.Ed (ARTS) Y3S1 (SB)

TIME: 2 HOURS

DAY/DATE: FRIDAY 8/12/2017

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer Question ONE and any other TWO

QUESTION ONE

(a) Define the following concepts:

- | | |
|----------------------------------|-----------|
| (i) Karst Geomorphology | [2 Marks] |
| (ii) Fluvial geomorphology | [2 Marks] |
| (iii) Aeolian geomorphology | [2 Marks] |
| (iv) Environmental geomorphology | [2 Marks] |
| (v) Glacial geomorphology | [2 Marks] |

(b) Describe the exogenic processes on the earth's surface. [20 Marks]

QUESTION TWO

(a) The Rift Valley is one of the feature formed from faulting in East Africa. Describe various processes through which features may be formed. [12 Marks]

(b) Assess the economic significance of the Rift Valley to people in East Africa. [8 Marks]

QUESTION THREE

(a) "Desertification is a result of poor land use practices by man". Critically examine the validity of the statement with reference to the countries in East Africa region. [10 Marks]

(b) Discuss the attempts put in place to check desertification in this region. [10 Marks]

QUESTION FOUR

(a) Describe the ways in which a river carries its load [6 Marks]

(b) With the use of annotated diagrams, explain how waterfalls and ox-bow lakes are formed.

[14 Marks]

QUESTION FIVE

(a) Explain the role of the endogenic processes in shaping the form of the landscape. [10 Marks]

(b) Define weathering and explain its functions [10 Marks]

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