

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS
(GEOGRAPHY, ECONOMICS AND SOCIOLOGY)**

GEOG 211: HYDROLOGY

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 17/04/2018

2.30 P.M – 4.30 P.M

INSTRUCTION:

- **Answer question one and any other two. Sketches and diagrams should be used whenever they serve to illustrate an answer.**

1. (a) Explain the hydrological cycle. [10marks]
(b) Discuss the various landforms associated with the three stages of fluvial evolution. [20marks]
2. Write short essays on any three major theories of slope development. [20marks]
3. Examine the importance of hydrological knowledge in land management and conservation. [20marks]
4. Write short essays on the following concepts. [20marks]
 - (i) Slope process
 - (ii) Slope form
 - (iii) Profile analysis
 - (iv) Slope angle
 - (v) Slope evolution

5. Discuss the various types of drainage basins.

[20marks]
