

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF EDUCATION ARTS**

GEOG 211: HYDROLOGY

STREAMS: BED (ARTS)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 15/04/2020

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- **Answer question ONE and TWO other questions**
- **Use diagrams and sketches to illustrate your answers**

1. Use a large diagram to explain the different parts of the hydrological cycle. [30 marks]
 2. What is precipitation? Discuss the formation of three forms of precipitation [20 marks]
 3. Explain the role of vegetation and interception in the events of flooding [20 marks]
 4. Discuss the formation of any three different types of lakes [20 marks]
 5. Distinguish and explain causes and presence of:
 - (a) Ocean currents [5 marks]
 - (b) Sea/ocean waves [5 marks]
 - (c) Coral reefs [10 marks]
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