

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS

GEOG 441: APPLIED HYDROLOGY

STREAMS: B.A

TIME: 2 HOURS

DAY/DATE: MONDAY 29/03/2021

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

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

1. (a) Explain with relevant examples how interception contributes towards reducing flooding. (15 marks)
 - (b) In what ways has global warming affect the hydrological cycle and water utility? (15 marks)
 2. Discuss different ways in which human activities affect water quality. (20 marks)
 3. In order to establish a successful H.E.P project what factors and processes would you consider? (20 marks)
 4. What is the role of lakes of different origin in human activities and climate? (20 marks)
 5. In what ways are oceans important to man? (20 marks)
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