

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF
MASTERS OF ARTS IN GEOGRAPHY**

GEOG 813: CLIMATOLOGY

STREAMS: MA (GEOG)

TIME: 3 HOURS

DAY/DATE: TUESDAY 03/12/2019

11.30 AM - 2.30 PM

INSTRUCTIONS:

- **Answer Three Questions**
 - **Use sketch maps and diagrams to illustrate your answers**
1. Climatology has developed in two main lines: regional and physical. Explain how this methodology has helped in the development of the discipline. [20 marks]
 2. Explain the roles of meteorology and bioclimatology in the life on earth. [20 marks]
 3. Considering the weather elements, discuss the difficulties encountered when classifying climate. [20 marks]
 4. Discuss the differences in the genetic and empirical classification of climate. [20 marks]
 5. Explain the solar energy generation by the sun and the heat budget of the earth. [20 marks]
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