

UNIVERSITY EXAMINATIONS

CHUKA



UNIVERSITY

RESIT/SPECIAL EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS

GEOG 313: CLIMATOLOGY

STREAMS:

TIME: 2 HOURS

DAY/DATE: THURSDAY 04/02/2021

11.30 A.M – 1.30 P.M

INSTRUCTIONS:

Answer questions ONE and ANY OTHER TWO questions. Maps, sketches and diagrams should be used wherever they serve to illustrate an answer.

1. Discuss any six factors that influence the world climatic regions (20marks)
 2. Describe any four quantitative models of weather forecasting (20marks)
 3. b) what is the relationship between Ozone layer and greenhouse effect (6marks)
b) Identify any seven indicators that the world climate is changing (14marks)
 4. Discuss the effects and solutions to climate change (20marks)
 5. Describe the Koppen's climate classification system (20marks)
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