

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF ARTS

GEOG 440: ARID AND SEMI ARID LANDS MANAGEMENT

STREAMS:B.A

TIME: 2 HOURS

DAY/DATE: FRIDAY 24/09/2021

8.30 A.M – 10.30 A.M

INSTRUCTIONS

■ Answer question one and any other two questions

■ Use illustrations where necessary

1. (a) Discuss the common climatic characteristics of Eastern African ASAL environments.

[15

marks]

(b) Explain the impact of plate tectonics to the present physical features of the Eastern African ASAL. [15 marks]

2. What is the effect of aridity on water availability? Suggest two ways in which the problem can be solved. [20 marks]

3. What is desertification? Explain three ways in which human economic activities contribute to desertification. [20 marks]

4. Suppose you were the cabinet secretary for Agriculture, what type of crops would you advise the farmers to plant in one of the ASAL countries and why? [20 marks]

5. In which ways may lakes and other water bodies in East Africa be utilized in the ASAL? [20 marks]
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