



## **UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF EDUCATION (SCIENCE/ARTS)  
SECOND SEMESTER 2023/2024  
[JAN – APRIL, 2024]**

### **GEOG 328 : GEOGRAPHY OF ARID LANDS**

**STREAM : Y3 S2**

**TIME: 2 HOURS**

**DAY :TUESDAY, 9 :00 - 11 :00 P.M.**

**DATE: 09/04/2024**

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#### **INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE (Compulsory) and any other TWO questions.***

#### **QUESTION ONE (30 MARKS)**

- Differentiate between aridity and desertification. (4 Marks)
- Briefly explain FOUR physical causes aridity. (8 Marks)
- Discuss THREE aridity zones. (6 Marks)
- Outline FIVE characteristics of dry climate. (5 Marks)
- Describe the survival methods adopted by xerophytic vegetation in arid lands. (10 Marks)

#### **QUESTION TWO**

Explain the general impacts of desertification to the people living in the northern part of Kenya. (20 Marks)

#### **QUESTION THREE**

Describe the spatial shift of aridity and its impact on land use in Kenya. (20 Marks)

#### **QUESTION FOUR**

Discuss aridity trend and agricultural sustainability of the sub-Saharan countries. (20 Marks)

### **QUESTION FIVE**

Explain how progressive global increase of arid areas affect land use and food supply in the 21<sup>st</sup> century. (20 Marks)