



## **UNIVERSITY EXAMINATIONS**

**FIRST SEMESTER 2025/2026 ACADEMIC YEAR**

**SECOND YEAR EXAMINATION FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN GEOGRAPHY**

**GEOG 211: INTRODUCTION TO RESOURCE MANAGEMENT**

***STREAM: R***

***TIME: 2 HRS***

***DAY: MONDAY [14.30 – 16.30 P.M]***

***DATE: 02/02/2026***

**THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES**

**PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**

Attempt **ALL** questions in section **A** and any **TWO (2)** in section **B**

## **SECTION A (30 MARKS)**

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

- a) Giving example for each, define the following terms:
  - i) Ecological corridor (2 Marks)
  - ii) Keystone species (2 Marks)
  - iii) Developed Resources (2 Marks)
- b) Explain Geothermal energy and list **three** of its disadvantages. (4 Marks)
- c) Describe the natural resource planning and management process. (10 Marks)
- d) Effective natural resources management requires a holistic approach, explaining the crucial components necessary for successful resource planning and management (10 Marks)

## **SECTION B (40 MARKS)**

### **QUESTION TWO (20 MARKS)**

- a) Explain **three** ways in which economic viability is considered in resource development. (6 Marks)
- b) Technological advancement is a crucial factor in resource development. Outline **seven** ways this consideration plays a significant role. (14 Marks)

### **QUESTION THREE (20 MARKS)**

- a) Explain how the 5Es can be applied in natural resources management. (10 Marks)
- b) Describe approaches to natural resources management (10 Marks)

### **QUESTION FOUR (20 MARKS)**

Discuss Agriculture as a resource in the contemporary world. (20 Marks)

### **QUESTION FIVE (20 MARKS)**

- a) Differentiate between environmental preservation and environmental conservation, citing relevant examples. (4 Marks)
- b) Describe **four** types of Natural Resource use conflicts citing examples occurring in Kenya and explain practical intervention for each. (16 Marks)