



# **KISII UNIVERSITY**

## **UNIVERSITY EXAMINATIONS**

**SECOND YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN GEOGRAPHY  
FIRST SEMESTER, 2021/2022  
(FEBRUARY - JUNE, 2022)**

**GEOG 211: INTRODUCTION TO RESOURCE MANAGEMENT**

**STREAM: Y2 S1**

**TIME: 2 HOURS**

**DAY:**

**DATE:**

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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**

- Discuss the principles of natural resource management [16 marks]
- Outline the methods of classifying natural resources according to location [6 marks]
- Using an appropriate example, explain the concept “tragedy of the commons” as applied to natural resource management [4 marks]
- Diffrentiate between carbon footprint and ecological footprint [4 marks]

**QUESTION TWO**

Discuss the factors affecting the spatial distribution of soils and winds [20 marks]

**QUESTION THREE**

- Describe the interlinked processes that take place within the water cycle

b) Discuss the various classifications of water pollution

[8 marks]

[12 marks]

#### **QUESTION FOUR**

a) Define the terminology “biodiversity hotspot”

[2 marks]

b) Identify and discuss the advantages of various conventional sources of energy

[18 marks]

#### **QUESTION FIVE**

Discuss the institutional framework for environmental management in Kenya as provided under the Environmental Management and Coordination Act of 1999

[20 marks]