



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:

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]
- Differentiate 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]