

UNIVERSITY EXAMINATIONS

1ST SEMESTER 2022/2023 ACADEMIC YEAR

**SECOND YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE (GEOGRAPHY)**

GEOG 211: INTRODUCTION TO RESOURCE MANAGEMENT

STREAM: R

TIME: 2 HRS

DAY: FRIDAY [14.30 – 16.30]

DATE: 09/12/2022

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.

INSTRUCTIONS: Answer Questions One and Any Other Two Questions**QUESTION ONE****(30 MARKS)**

- (a) Explain **THREE** factors that have led to poverty in Africa despite its abundance of natural resources. (3 marks)
- (b) Give **TWO** reasons why exploitation of water resources should be done in a planned manner (2 marks)
- (c) Explain **FOUR** characteristics of renewable natural resources (4 marks)
- (d) Briefly explain **FOUR** principles of sustainable development, according to World Commission on Environment and Development (WCED) (1987) (4 marks)
- (e) Explain **THREE** factors influencing a country's resource development (6 marks)
- (f) Suggest **THREE** ways through which we can solve the problems of land degradation in Kenya (3 marks)
- (g) Giving examples, show how conservation and economic development can be achieved for sustainability (4 marks)
- (h) Highlight **FOUR** importance (s) of resource planning in a given region (4 marks)

QUESTION TWO

- (a) Giving suitable examples, expound on the **FIVE** negative effects resulting from indiscriminate human use of natural resources (10 marks)
- (b) Briefly discuss **FIVE** countries that dominate Africa's upstream oil production (10 marks)

QUESTION THREE

- (a) Giving examples, discuss **FIVE** biological constraints to resource utilization (10 marks)
- (b) Outline **FIVE** principles of resource conservation and management (10 marks)

QUESTION FOUR

- (a) Describe the process involved during resource planning in resource management (8 marks)



- (b) Identify and explain the distribution of any **SIX** major resources found in Kenya
(12 marks)

QUESTION FIVE

- (a) Describe any **FIVE** economic factors influencing resource development
(10 marks)
- (b) Giving relevant examples, discuss gender-based natural resource management approach as used in resource management.
(10 marks)