



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF THE DEGREE
OF BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE
FIRST SEMESTER 2022/2023
(SEPTEMBER - DECEMBER, 2022)

ENSC 101: APPROACHES TO ENVIRONMENTAL STUDIES

STREAM: Y1 S1

TIME: 2 HOURS

DAY: FRIDAY, 9:00 A.M -11:00A.M

DATE: 02/12/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer ALL Questions in Section A (Compulsory) and any other TWO Questions in section B.***

SECTION A: 40 MARKS

QUESTION ONE

- Environmental Studies is multidisciplinary in nature. Account (5 marks)
- List five benefits of studying environmental studies (5 marks)
- What are natural resources. Give three examples (5 marks)
- Explain sustainable development (2 marks)
- What are the physical, biological, and cultural elements that constitute the environment? (3 marks)
- Define environmental health. Highlight three benefits of a healthy environment. (5 marks)
- Differentiate between renewable and non-renewable resources (2 marks)
- Describe human population growth (3 marks)
- Explain five urban problems related to energy (5 marks)
- define air pollution. What are the effects of air pollution? (5 marks)

SECTION B: 30 MARKS

QUESTION TWO

Define environmental studies. Explain the approaches used in understanding environmental studies. (15 marks)

QUESTION THREE

What is deforestation? Explain the causes and major effects of deforestation. (15 marks)

QUESTION FOUR

- a) Define ecosystem (2 marks)
- b) What are the main components of ecosystems (4 marks)
- c) Discuss the function of an ecosystem (9 marks)