

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
AGRICULTURAL EDUCATION AND EXTENSION**

ENSC 100: INTRODUCTION TO ENVIRONMENTAL SCIENCE/EDUCATION

STREAMS: BSC. AGED (PART/TIME)

TIME: 2 HOURS

DAY/DATE: FRIDAY 08/08/2025

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS

- Answer **All** Questions in **SECTION A** and **any Two** in **SECTION B**
- Do not write anything on the Question paper

SECTION A: 30 MARKS

1. Define the following concepts of environmental education (4 marks)
 - a. Sustainable Development
 - b. Optimum Population
2. Define total environment of a human being (4 marks)
3. Identify the four spheres of the earth within which natural resources are found (4 marks)
4. List five categories of solid waste depending on their source (4 marks)
5. What are the objectives of environmental education? (5 marks)
6. Outline five factors that influence sustainable development in Kenya. (5 marks)
7. Briefly describe the 3R concept of solid waste management (4 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

8. (a) Discuss the role of government and NGO's in environmental protection (12 marks)
(b) Discuss the reasons for high fertility rates in most developing countries (8 marks)

9. Discuss the major environmental issues in Kenya today (20 marks)

10. (a) Discuss five causes of water pollution experienced in the world today (10 marks)

(b) Discuss factors affecting sustainable development in most developing countries
(10 marks)

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