

CHUKA

UNIVERSITY



UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN ENVIRONMENTAL SCIENCE**

ENSC 100: ENVIRONMENTAL EDUCATION

STREAMS: BSC. ENSC (PART/TIME)

TIME: 2 HOURS

DAY/DATE: FRIDAY 29/12/2023

8.30 P.M. – 10.30 A.M.

INSTRUCTIONS

- Answer all questions in Section A and any two questions in section B
- Do not write on the question paper

SECTION A (30 marks)

1. Define the following terms
 - a) Abiotic factors (2 marks)
 - b) Optimum population (2 marks)
 - c) Tragedy of the commons (2 marks)
2. List various levels of biological biodiversity. (2 marks)
3. Briefly discuss various characteristics of Tundra Biomet. (3 marks)
4. Briefly highly various types of wastes. (4 marks)
5. Briefly explain the factors that influence human population growth. (5 marks)
6. Briefly explain various phases in Disaster Preparedness and Management. (5 marks)
7. Briefly discuss the origin of environment education. (5 marks)

SECTION B (40 MARKS)

8.
 - a) Discuss the causes and effects of air pollution. (10 marks)
 - b) Discuss factors influencing fertility rates in developing countries. (10 marks)

9. a) Discuss the principles of sustainable development. (10 marks)
b) Discuss various types of natural disasters. (10 marks)
10. a) Describe point and non-point pollution. (5 marks)
b) Discuss the goals, objectives and guiding principles of environmental education. (15 marks)
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