

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

**EXAMINATION FOR THE AWARD OF CERTIFICATE IN COMMUNITY
DEVELOPMENT/ANIMAL HEALTH/TOURISM AND
HOSPITALITY/CRIMINOLOGY AND SECURITY STUDIES**

ENSC 00100: INTRODUCTION TO ENVIRONMENTAL SCIENCE

STREAMS: CERT. (CDEV/CHTM/ANHE/CRSS)

TIME: 2 HOURS

DAY/DATE: TUESDAY 10/08/2021

8.30 A.M – 10.30 A.M.

INSTRUCTIONS:

- Attempt all questions in SECTION A and any two in SECTION B.
- Do not write on the question paper.

SECTION A: (30 MARKS)

1. Define the following terms as used in Environmental Science (4 marks)
 - a) Species
 - b) Community
 - c) Pollutant
 - d) Hazardous wastes
2. Differentiate between evaporation and transpiration (4 marks)
3. Outline six objectives of environmental education (6 marks)
4. Highlight five importance of community participation in environmental conservation (5 marks)
5. Outline five characteristics of Tundra biome (5 marks)
6. Briefly discuss three types of wastes that can be generated from household (6 marks)

SECTION B: (40 MARKS)

7. a) Discuss the functions of the major abiotic components of environment in an ecosystems. (12 marks)
- a) Discuss various methods applied in management of solid wastes (12 marks)
8. Using illustration, discuss the process of water cycle (20 marks)
9. Discuss major environmental consequences due to increased human activities (20 marks)
-