

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA AND EMBU CAMPUSES

**FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN TOURISM
AND HOTEL MANAGEMENT, ANIMAL SCIENCE AND CRIMINOLOGY**

ENSC 00100: INTRODUCTION TO ENVIRONMENTAL EDUCATION

STREAMS: CERT IN CTHM, ANSC & CRSS Y1S1

TIME: 2 HOURS

DAY/DATE: FRIDAY 06/12/2019

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- **Attempt all questions in section A and any TWO in section B.**
- **Do not write anything on the question paper.**

SECTION A (30 MARKS)

1. Describe four spheres of the natural environment. (4 marks)
2. Briefly discuss tropic levels. (4 marks)
3. Briefly discuss effects of acid rain. (3 marks)
4. State role of government in solid waste management. (5 marks)
5. Briefly discuss components of the ecosystem. (4 marks)
6. Outline six characteristics of Tundra biomes. (6 marks)
7. Differentiate between ecology and ecosystem. (4 marks)

SECTION B (40 MARKS)

8. (a) Briefly explain four effects of earthquake. (8 marks)

9. (b) With the aid of a diagram explain water cycle. (12 marks)
(a) Discuss eight causes of water pollution. (8 marks)
- (b) Discuss six control measures of water pollution. (12 marks)
10. (a) Briefly explain four major components of environmental education. (8 marks)
(b) Discuss six benefits of environmental education. (12 marks)
-