

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA & EMBU

FIRST YEAR EXAMINATION FOR THE AWARD OF DIPLOMA IN TOURISM AND HOSPITALITY MANAGEMENT, DIPLOMA IN ANIMAL SCIENCE & DIPLOMA IN COMMUNITY DEVELOPMENT

ENSC 0100: INTRODUCTIN TO ENVIRONMENTAL EDUCATION

STREAMS: DTHM, DIP (ANSC), DIP (CDEV) Y1S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/12/2019

11.30 A.M. – 1.30 A.M.

INSTRUCTIONS:

- Answer ALL questions in section A and any other TWO in section B
- Do not write anything on the question paper

SECTION A (30 MARKS)

1. Briefly discuss the following:

- (a) Community and population [4 marks]
- (b) Components of the ecosystems [4 marks]
- (c) Trophic levels [3

marks]

- (d) Sources of the greenhouse gases [4 marks]
- (e) Effects of global warming [5 marks]

2. Describe the safety requirement for public solid waste bins [4 marks]

3. Explain the roles of government in solid waste management [6 marks]

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

**ENSC 0100**

4. (a) Discuss six characteristics of Tundra biomes [12 marks]  
(b) Explain four types of the terrestrial ecosystems [8 marks]
5. (a) Discuss five impacts of population growth on the environment [10 marks]  
(b) Discuss the importance and challenges of public participation in environment management [10 marks]
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6. (a) Explain the possible causes and effects of water pollution [10 marks]  
(b) Discuss five control measures of water pollution [10 marks]
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