

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

CHUKA & EMBU CAMPUSES

FIRST YEAR EXAMINATION FOR THE AWARD OF DIPLOMA IN TOURISM AND  
HOSPITALITY MANAGEMENT & COMMUNIT DEVELOPMENT

ENSC 0100: INTRODUCTION TO ENVIRONMENTAL SCIENCE

STREAMS: DTHM Y1S1, DIP CDEV Y1S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 8/08/2019

8.30 A.M - 10.30A.M.

INSTRUCTIONS:

- Answer Question ONE in Section A and any other TWO Questions from Section B
- Do not write on the Question paper

SECTION A: [30 MARKS]

1. Define the following terms;
  - (a) Biogeochemical cycles [1 Mark]
  - (b) Human population [1 Mark]
  - (c) Demography [1 Mark]
  - (d) Environmental hazard [1 Mark]
  - (e) Sustainable Development Goals (SDGs) [1 Mark]
2. Briefly explain 3 roles of the Kenyan government in environmental management. [6 Marks]
3. Outline 3 characteristics of an ecosystem. [3 Marks]
4. Briefly explain the hydrological cycle. [6 Marks]
5. Briefly explain 3 examples of Sustainable Development practices. [6 Marks]
6. Giving examples, differentiate between biotic and abiotic components of the environment. [4 Marks]

SECTION B: [40 MARKS]

7. Discuss eight human activities and their effects on the biodiversity. [20 Marks]

**ENSC 0100**

8. Discuss eight the effects of poor waste disposal. [20 Marks]
9. (a) What is water pollution? [2 Marks]
- (b) Discuss four causes of water pollution. [10 Marks]
- (c) Explain two effects of water pollution. [5 Marks]
- (d) What are the two solutions to water pollution? [3 Marks]
- .....