

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF  
DIPLOMA IN COMMUNITY DEVELOPMENT**

**ENSC 0100: INTRODUCTION TO ENVIRONMENTAL SCIENCE**

**STREAMS: CDEV (Y1S1) ODEL**

**TIME: 2 HOURS**

**DAY/DATE : WEDNESDAY 21 /07/ 2021**

**8.30 AM – 10.30 AM**

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**INSTRUCTIONS:**

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

**SECTION A: (30 MARKS)**

1. Highlight four effects of acid precipitation on environment. (4 Marks)
2. What are the three objectives of environmental education? (3 Marks)
3. Briefly describe four spheres of earth's system. (4 Marks)
4. Briefly explain six sources of water pollution. (6Marks)
5. State four effects of earthquake on natural environment. (4 Marks)
6. Briefly explain any four methods of waste disposal. (4 Marks)
7. Briefly describe any five factors that contribute to high fertility rate in most developing countries (5 Marks)

**SECTION B: (40 MARKS)**

8. Discuss major environmental issues resulting from increased anthropogenic factors in Kenya today. (20 Marks)
9. (a) With the aid of a diagram, explain the components of water cycle. (8Marks)
- (b) Explain components of an ecosystem (12 Marks)
10. (a) Explain five roles of county government in solid waste management (10 Marks)
- (b) Discuss five effects of poor waste disposal on ecosystem (10 Marks)
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