

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**CHUKA / EMBU**

**EXAMINATION FOR THE AWARD OF  
DIPLOMA IN COMMUNITY DEVELOPMENT, DIPLOMA IN TOURISM & HOTEL  
MANAGEMENT AND DIPLOMA IN ANIMAL HEALTH & PRODUCTION**

**ENSC 0100: INTRODUCTION TO ENVIRONMENTAL SCIENCE**

**STREAMS: DIP. CDEV (Y1S1), DTHM (Y1S2), ANHE (Y2S2)**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 13 /07/ 2021**

**8.30 AM – 10.30 AM**

**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. Highlight six effects of acid precipitation on aquatic ecosystem. [6 Marks]
2. Briefly discuss three objectives of environmental education. [6 Marks]
3. Briefly explain six sources of water pollution [6 Marks]
4. Briefly explain six methods of waste disposal [6 Marks]
5. Outline six objectives of sustainable development. [6 Marks]

**SECTION B (40 MARKS)**

8. Discuss the major environmental issues resulting from increased anthropogenic factors in Kenya today. [20 Marks]
9. (a) Based on the hydrological cycle, explain the possible channels of water that lands on the earth surface. [8

Marks]

- (b) Briefly explain six environmental consequences resulting from increased population. [12

Marks]

10. (a) Briefly 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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