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CHUKA / EMBU

**EXAMINATION FOR THE AWARD OF DIPLOMA IN
TOURISM AND HOTEL MANAGEMENT, COMMUNITY DEVELOPMENT &
AGRICULTURAL & RURAL DEVELOPMENT**

ENSC 0100: INTRODUCTION TO ENVIRONMENTAL SCIENCE

STREAMS: DTHM Y1 S1 (CDEV Y1S1) & (ARD Y1S1)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 31/3/2021

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 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. [6 Marks]
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 population growth 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. [8 Marks]
(b) Briefly explain components of an ecosystem. [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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