

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

MAIN/EMBU CAMPUS

**EXAMINATION FOR THE AWARD OF DIPLOMA IN TOURISM AND
HOSPITALITY MANAGEMENT**

ENSC 0100: INTRODUCTION TO ENVIRONMENTAL SCIENCE

STREAMS:

TIME: 2 HOURS

DAY/DATE: MONDAY 27/09/2021

8.30 A.M. – 10.30 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. Define the following terms as used in environmental science. (4 marks)
 - a) Environmental education
 - b) Ecosystem
 - c) Hazard
 - d) Environmental pollution
2. Outline 5 components of environmental education (5 marks)
3. Write short notes on the following terms as used in describing human population. (6 marks)
 - a) Population distribution
 - b) Population density
 - c) Population composition
4. Highlight four objectives of sustainable development. (4 marks)

5. Outline the reasons for high fertility rates in developing countries. (6 marks)
6. Outline 5 roles of Non-governmental Organizations in environmental management. (5 marks)

SECTION B 40 MARKS

7. a) Discuss various world biomes, highlighting their characteristics. (12 marks)
b) Based on the hydrological cycle, explain the various channels in which the water lands and flow on the earth surface. (8 marks)
 8. a) Giving their importance, discuss the four spheres of the environment. (12 marks)
b) You have been elected as a governor in Tharaka Nithi County, briefly explain the roles of your government in solid waste management. (8 marks)
 9. Discuss the major environmental consequences resulting from increased human activities in Kenya. (20 marks)
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