

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

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

ENSC 00100: INTRODUCTION TO ENVIRONMENTAL SCIENCE

STREAMS: CTHM (Y1S1)

TIME: 2 HOURS

DAY/DATE: TUESDAY 02/11/2021

8.30 A.M – 10.30 A.M.

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. Write short notes on the following terms as used in Environmental Science:
 - (a) Ecosystem (2 Marks)
 - (b) Community (2 Marks)
 - (c) Species (2 Marks)
2. Briefly explain four objectives of environmental education (6 marks)
3. Outline three sources of greenhouse gases (3 Marks)
4. Briefly explain four effects of water pollution (6 Marks)
5. Highlight four spheres of natural environment (4 Marks)
6. Outline five characteristics of Tundra biomes (5 Marks)
7. State six roles of county government in solid waste management (6 Marks)

SECTION B: (40 MARKS)

8. Discuss various environmental and social consequences of population growth rate in Kenya today. (20 Marks)
3. Briefly explain the important functions of abiotic components of ecosystem. (20 Marks)

4. (a) Discuss five causes and effects of water pollution. (10 Marks)

(b) Discuss five possible control measures of water pollution (10 Marks)
