

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF
DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE**

ENSC 457: NATIONAL ENVIRONMENTAL PLANNING AND MANAGEMENT

STREAMS: (BSES-Y4S1)

TIME: 2 HOURS

DAY/DATE : WEDNESDAY 22 /09/ 2021

2.30 PM – 4.30 PM

INSTRUCTIONS TO CANDIDATES:

- Answer ALL Questions in Section A and ANY TWO in Section B.
- DO NOT WRITE ANYTHING on the question paper.

SECTION A (30 MARKS) Answer All Questions

1. Distinguish between the concepts: Environmental Planning and Environmental Management. [6 Marks]
2. Explain the necessity of stakeholder involvement in the process of national environmental action plan development. [6 Marks]
3. Assess the role played by the National Environment Secretariat in the processes of environmental planning and management. [6 Marks]
4. Examine the legal stipulations of the 2010 Kenya Constitution concerning the environmental rights of Kenyan citizens. [6 Marks]
5. Describe any six elements of an environmental planning process. [6 Marks]

SECTION B (40 MARKS) Answer Any Two Questions.

6. Assess the role played by the National and County governments of Kenya as collaborators in the planning and management of environmental concerns of development. [20 Marks]
 7. Discuss any four environmental challenges that make development unsustainable in Africa and make suggestions how they can be addressed through implementation of an environmental action plan. [20 Marks]
 8. Evaluate the role of the National Environmental Management Authority (NEMA) in regulating development undertakings and implementation of associated environmental plans. [20 Marks]
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