

CHUKA



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

ENSC 112: ENVIRONMENT AND DEVELOPMENT

STREAMS: BSC. ENSC (Y2S1)

TIME: 2 HOURS

DAY/DATE: TUESDAY 09/04/2024

2.30 P.M. – 4.30 P.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. Outline five types of participation in local-level planning and development. (5 marks)
2. Briefly explain the role of “Tragedy of commons” in environmental degradation in Kenya. (5 marks)
3. Briefly explain how underrepresentation of either gender (female or male) in development projects can hinder successful implementation and completion of the projects in Kenya. (5 marks)
4. Briefly outline the role of natural resources in the achievement of sustainable development. (5 marks)
5. Highlight how increasing population growth especially in developing countries such as Kenya affect sustainability. (5 marks)
6. Briefly explain the role of the Rio Earth Summit held in Rio de Janeiro in 1992 on the integration of environment in development issues. (5 marks)

SECTION B (40 marks)

7. Discuss five Sustainable Development Goals (SDGs) that Kenya has committed to achieve by 2030 and outline strategies put in place to achieve inclusive sustainable economic growth, social economic transformation and environmental sustainability. (20 marks)
 8. Discuss Eight principles of sustainability according to the Rio Declaration on Environment and Development. (20 marks)
 9. Explain your understanding of Community Based Natural Resource Management (CBNRM) and show how it is a better resource management approach compared to Top-down approach. (20 marks)
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