

CHUKA



UNIVERSITY

RESIT/SPECIAL EXAMINATION

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

ENSC 253: BIODIVERSITY CONSERVATION

STREAMS:

TIME: 2 HOURS

DAY/DATE: MONDAY 01/11/2021

8.30 A.M – 10.30 A.M

INSTRUCTIONS:

**Answer ALL Questions in SECTION A and ANY TWO in SECTION B
Do not write on the question paper**

SECTION A (30 MARKS)

1. Differentiate between in-situ and ex-situ conservation. (6 Marks)
2. Briefly explain how habitat fragmentation is a major threat to world's biodiversity (6 Marks)
3. Briefly highlight THREE measures that need to be taken to conserve and protect wetlands in Kenya. (6 Marks)
4. Briefly explain how invasive species can cause ecosystem degradation. (6 marks)
5. Briefly explain the relationship between increased poverty levels and loss of biodiversity in developing countries. (6 Marks)

SECTION B (40 MARKS)

6. Giving examples, discuss ecosystem goods and services beneficial for human well-being . (20 Marks)
7. With examples where applicable, discuss functions of ecosystems in Kenya. (20 Marks)

8. Discuss international treaties or agreements that Kenya is a signatory to and are important in the conservation of biological diversity. (20 Marks)
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