

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

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

ENSC 253: BIODIVERSITY CONSERVATION

STREAMS: BSC (ENSC/ BECO) Y2S2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/08/2021

2.30 P.M – 4.30 P.M.

INSTRUCTIONS:

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

SECTION A (30 MARKS)

1. Differentiate between in-situ and ex-situ conservation. (6 Marks)
2. Briefly outline challenges facing freshwater bodies in Kenya and propose remedies for the same. (6 Marks)
3. Briefly highlight THREE measures that need to be taken to conserve and protect wetlands in Kenya. (6 Marks)
4. Describe common characteristics of invasive species. (6 marks)
5. Describe links between population growth and biodiversity loss or degradation especially in developing countries. (6 Marks)

SECTION B (40 MARKS)

6. Giving examples, discuss threats facing biodiversity resources in Kenya. (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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