

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
NATURAL RESOURCE MANAGEMENT**

WIEM 461: WILDLIFE MANAGEMENT AND UTILIZATION

STREAMS: BSC NARE Y4S2

TIME: 2 HOURS

DAY/DATE: THURSDAY 23/09/2021

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)

- Q1. (a) Distinguish between conservation and preservation. (2 marks)
- (b) In your opinion, which of the philosophies listed in a above is best and why? (4 marks)
- Q2. Briefly expound on the significance of international policy framework in attainment of sustainable wildlife management and utilization. (6 marks)
- Q3. Briefly explain the phased process in conserving endangered species. (6 marks)
- Q4. Enumerate the benefits of integrated wildlife management. (6 marks)
- Q5. Briefly explain ways in which the productive capacity of wildlife habitats can be enhanced. (6 marks)

SECTION B: (40 MARKS)

- Q6. Discuss the various drivers of conflicts in the use of aquatic and wildlife resources. (20 marks)
- Q7. (a) Discuss intensive systems of aquaculture production as practiced in Kenya. (12 marks)
- (b) Discuss the components of recirculating tank systems. (8 marks)

- Q8. Discuss the concept of carrying capacity as applied in the management and use of wildlife resources. (20 marks)
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