

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF SCIENCE IN
WILDLIFE ENTERPRISE AND MANAGEMENT**

WIEM 421: WILDLIFE HABITAT MANAGEMENT

STREAMS: BSC WIEM Y4S2

TIME: 2 HOURS

DAY/DATE: MONDAY 20/09/2021

8.30 A.M – 10.30 A.M

INSTRUCTIONS

■ Answer all in section A and any other two in section B

■ Do not write on the question paper

SECTION A (30 MARKS)

- Q1. Enumerate the five categories of ecosystem services. [5 marks]
- Q2. Distinguish between;
- (a) Manipulative and custodial wildlife management [2 marks]
- (b) Key environmental correlates and key ecological functions. [2 marks]
- Q3. Briefly describe the important considerations in reclaiming wildlife habitats. [6 marks]
- Q4. Briefly explain the effects of invasive species on wildlife species and habitats. [4 marks]
- Q5. Briefly describe the diversity of East African Wildlife range. [5 marks]
- Q6. Enumerate ways in which the evolutionary potential of wildlife may be maintained. [6 marks]

SECTION B (40 MARKS)

Q7. Discuss the phases in the processes of endangered species management citing the black rhino as an example. [20 marks]

Q8. Discuss the significance of the following as part of wildlife habitat improvement.

(a) Forest edge improvement [10 marks]

(b) Creation of snags. [10 marks]

Q9. Discuss the effects of urbanization on wildlife habitats (cite specific examples). [20 marks]
