

CHUKA



UNIVERSITY

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EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN WILDLIFE AND ENTERPRISE MANAGEMENT

WIEM 222: MAN AND WILDLIFE

STREAMS: BSc. WIEM (Y2S2)

TIME: 2 HOURS

DAY/DATE: TUESDAY 09/04/2024

2.30 P.M. – 4.30 P.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. Briefly describe FIVE factors that enhance evolution. (5 marks)
2. Giving reasons, describe the comparative impacts of *Australopithecus ramidus* and *Homo erectus* to the environment. (5 marks)
3. Describe the factors that are most likely to have influenced the evolution of domestication than the previous living strategies. (5 marks)
4. Briefly explain the factors that influenced the establishment of pastoralism as a form of livelihood. (5 marks)
5. Using examples, briefly describe the impact of agriculture on protection and conservation of wildlife in the contemporary society. (5 marks)
6. Humans are likely to 'sidestep' earth's carrying capacity limits in future. Explain (5 marks)

SECTION B (40 marks)

7. Discuss the impacts of the following on the environment:
 - a) Domestication (10 marks)

b) Pastoralism (10 marks)

8. Discuss the theories that explain the evolution of agriculture and how environmental factors influences those theories. (20 marks)

9. Discuss the impacts of anthropogenic activities on the natural environment and the affected wildlife species. (20 marks)

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