

CHUKA



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

WIEM 222: MAN AND WILDLIFE

STREAMS: WIEM Y2S2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 12/04/2023

8.30 A.M – 10.30 A.M

INSTRUCTIONS:

Answer ALL questions in section A and any other two in section B

Do not write anything on the question paper

SECTION A (30 MARKS)

1. (a) Briefly explain what is considered the basics of human evolution. [3 marks]
(b) Briefly explain the progressive impacts of human evolution on wildlands and wildlife to the present times. [2 marks]
2. Giving reasons, Briefly explain the contributions of the genus homo to the environment and how it shaped the existence of wildlife. [5 marks]
3. In terms of impacts on wildlife and their environment, briefly explain the difference between hunter –gatherer societies and farming/agricultural societies and the reasons for the observed difference. [5 marks]
4. (a) Give reasons that have encouraged domestication by humans. [2.5 marks]
(b) Briefly explain the likely impacts of domestication on integrity of wildlife species. [2.5 marks]

5. Briefly explain the relationship between pastoralism and state of wildlife conservation at present times in Kenya. [5 marks]
6. Briefly explain what necessitated the emergence of Agriculture. [5 marks]

SECTION B (40 MARKS)

7. (a) Discuss factors that lead to high human population and how population alters natural ecosystems. [10 marks]
- (b) Suggests (with examples) how the challenges of high human population can be addressed to conserve wildlife population within natural ecosystems and to prevent species extinctions. [10 marks]
8. (a) Discuss the major human – wildlife interactions and how the interactions can be managed to benefit wildlife species. [10 marks]
- (b) Discuss with examples how wildlife resources in Kenya can be used to bring about sustainable development of communities and the country. [10 marks]
9. Using examples, discuss public participation in wildlife conservation, how to involve communities and sharing of benefits, and how the approach is likely to enhance conservation of wildlife resources in Kenya. [20 marks]
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