

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

WIEM 414: ECONOMICS AND UTILIZATION OF WILDLIFE RESOURCES

STREAMS: BSC WIEM Y4S1

TIME: 2 HOURS

DAY/DATE: MONDAY 29/03/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer all questions in section A and any two in section B.**
- **Section A carries 30 marks and section B 40 marks.**
- **Do not write on the question paper.**

SECTION A (30 MARKS)

- Q1. Explain the following terms as applied in wildlife economics
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|-------------------------|-----------|
| (a) User cost | (2 marks) |
| (b) Economic efficiency | (2 marks) |
| (c) Producer surplus | (1 mark) |
- Q2. Briefly elaborate on how property rights are related to user cost. (5 marks)
- Q3. Briefly discuss the relevance of any two types of market incentives to wildlife conservation. (5 marks)
- Q4. Explain how wildlife resource utilization can easily lead to “tragedy of the commons”. (6 marks)
- Q5. Enumerate five benefits of branding of Kenya Wildlife Services (KWS) parks. (5 marks)
- Q6. Briefly explain the significance of market incentives in mitigating against environmental spillovers. (4 marks)

SECTION B (40 MARKS)

- Q7. Discuss the different types of failures in environmental economics that have an impact on wildlife resources. (20 marks)
- Q8. Discuss the significance of CITES in the global management and utilization of wildlife resources. (20 marks)
- Q9. Discuss the opportunities and threats to consumptive wildlife utilization if it were to be introduced in Kenya. (20 marks)
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