

CHUKA



UNIVERSITY

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

WIEM 461: WILDLIFE MANAGEMENT AND UTILIZATION

STREAMS: Y4

TIME: 2 HOURS

DAY/DATE: THURSDAY 9/04/2020

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. Differentiate between the following terms; [5 Marks]
 - a. Exploitation and overexploitation
 - b. Wildlife culling and wildlife cropping
 - c. Commercial Versus. Subsistence hunting
 - d. Optimum sustainable yield and maximum sustainable yield
 - e. Consumptive versus Non consumptive utilization.

2. Discuss the biological goal of wildlife harvesting. [5 Marks]

3. Describe five wildlife derivatives that can be listed as products for utilization. [5 Marks]

4. Briefly explain five benefits of effective wildlife utilization in Kenya by local communities. [5 Marks]

5. Briefly describe the contribution of the current Wildlife Conservation and Management Act 2013 to wildlife utilization in Kenya. [5 Marks]

6. Describe game ranching as a sustainable means of wildlife utilization. [5 Marks]

SECTION B [40 MARKS]

7. Discuss the challenges that hinder wildlife and aquatic resources utilization by local communities living around protected areas. [20 Marks]
8. Discuss various limitations to the achievement of Maximum Sustainable Yield (MSY) in wildlife utilization. [20 Marks]
9. Discuss various habitat management techniques for preservation of an endangered species. [20 Marks]