

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

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

**WIEM 421: WILDLIFE MANAGEMENT**

**STREAMS: BSC WIEM Y4S2**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 12/04/2018**

**11.30 A.M. – 1.30 P.M.**

**INSTRUCTIONS:**

- Answer all questions in section A and any two in section B.
- Section A carries 30 marks and section B 40 marks.

**SECTION A (30 MARKS)**

- Q1. Briefly explain the underlying assumptions in Participatory Rural Appraisals. (5 marks)
- Q2. Distinguish between
- (a) Habitat quality and habitat availability.
  - (b) Key Environmental Correlates and Key Ecological Functions. (4 marks)
- Q3. Discuss the significance of East African savannas with regard to management of mammal populations and growth of the tourism industry. (6 marks)
- Q4. Enumerate four ways in which wildlife habitats can be improved. (4 marks)
- Q5. Briefly explain the effects of drought on herbivore and carnivore populations. (5 marks)
- Q6. Briefly discuss how Kenya Wildlife Service handles the management and conservation of a named endangered wildlife species. (6 marks)

**SECTION B (40 MARKS)**

- Q7. Discuss the key ways in which wildlife management can lead to maintenance of the evolutionary potential of wild animals and their habitats. (20 marks)
- Q8. (a) Discuss translocation as a tool of managing wildlife populations. (10 marks)
- (b) Explain the key challenges facing management of exotic wildlife species. (10 marks)
- Q9. Discuss habitat requirements for wildlife species. (20 marks)
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