

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF APPLIED SCIENCES  
DEPARTMENT OF FOREST RESOURCES AND WILDLIFE MANAGEMENT  
BACHELOR OF SCIENCE HONOURS DEGREE  
MAIN EXAMINATION**

**WILDLIFE MANAGEMENT: EFW 4107**

**January 2013**

**Time Allowed: 3 Hours**

**Total Marks: 100**

**INSTRUCTIONS TO CANDIDATES:**

Answer **QUESTION ONE** and any **THREE** others. Each question carries **25 marks**

1. (a) Justify the need for management of wildlife in Zimbabwe. **[10 marks]**  
(b) As the warden of the Matobo National Park, how would you deal with the neighbours on your boundaries, using any three areas of conflict. **[15 marks]**
2. (a) Briefly contrast the two species of rhino in Zimbabwe. **[8 marks]**  
(b) Why are rhinos poached? **[2 marks]**  
(c) Explain any possible management actions for the protection of rhinos. **[15 marks]**
3. (a) Briefly describe the status of the 'big five' animals in Zimbabwe. **[5 marks]**  
(b) Explain how **four** of them are in the safari hunting (trophy) industry. **[20 marks]**
4. The Red-billed Quella is the worst problem bird in Zimbabwe.  
(a) Note the aspects of its biology and ecology that make it a problem. **[10 marks]**  
(b) Discuss how it is controlled in Africa, and highlight any disadvantages in the methods. **[12 marks]**  
(c) How can the bird be made an asset? **[3 marks]**
5. Discuss the impacts of fire and poaching on a wildfire ranch, and propose actions for their management.
6. Ecotourism is a major industry in our national parks. Write an essay on its operations.

**\*\*\* END OF PAPER \*\*\***

