

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY



FACULTY OF ENVIRONMENTAL SCIENCE

DEPARTMENT OF FOREST RESOURCES AND WILDLIFE MANAGEMENT

HUMANS AND WILDLIFE (EFW 1202)

Main Examination Paper

March 2025

This examination paper consists of 2 pages

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None
Examiner's Name: Mr H. Ncube
External Examiner: Prof. E. Chivandi

INSTRUCTIONS

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

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
5.	25
6.	25
TOTAL	100

1. With reference to a named African wild animal (Common and Latin names), describe its:
 - (i) physical characteristics, **[5 marks]**
 - (ii) food and feeding habits, **[5 marks]**
 - (iii) reproduction, **[5 marks]**
 - (iv) distribution in Zimbabwe and Africa, **[5 marks]**
 - (v) conservation and utilisation by humans. **[5 marks]**

2. (a) Discuss the role of Indigenous Knowledge Systems in wildlife utilisation and protection. **[15 marks]**

- (b) Critique the Communal Areas Management Programme For Indigenous Resources (CAMPFIRE) programme, giving its strengths and weaknesses. **[10 marks]**

3. (a) Outline how a named human/wildlife conflict situation can be sustainably addressed to minimise the impacts. **[10 marks]**

- (b) Discuss how the proposed human/wildlife compensation scheme could source funds and suggest a criteria for the compensation scheme. **[15 marks]**

4. Discuss how Geographic Information System (GIS) technology can be used as tools to improve efficiency in the management and utilisation of wildlife resources.

5. (a) Compare and contrast between apes and humans, using the physical and social/cultural characteristics. **[16 marks]**

- (b) Explain the role of the Convention on International Trade on Endangered Species of fauna and flora (CITES) in wildlife utilization and protection. **[9 marks]**

6. (a) Outline how a named hunter-gatherer community lives in harmony with nature. **[15 marks]**

- (b) Describe the major impacts of agricultural activities on wildlife resources. **[10 marks]**