



*"Investing in Africa's Future"*

## COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

DEPARTMENT OF ENVIRONMENTAL STUDIES AND NATURAL RESOURCES

NAAS 203: PRINCIPLES AND TECHNIQUES OF WILDLIFE MANAGEMENT

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER/DECEMBER 2020

LECTURER: MS M. C. KUREHWATIRA

DURATION: 24 HRS

### **INSTRUCTIONS**

- Type your Registration Number
- Answer only **one question** of your choice.
- Each full question carries 100 marks.
- Begin your answer for each question on a new page.
- Font: Times New Roman; Font size 12; Line space: 2.0.
- Credit is given for neat, well-written and lucid work.

### **Question 1**

1. Assuming you are a wildlife manager in your country,
  - a. Clearly articulate the typology of human wildlife conflicts in your country. **[30 marks]**
  - b. Give a critical analysis of human wildlife conflict management in your country. **[30 marks]**
2. Extinction is a natural process and no species persist forever. This statement is true, but is it a reason not to protect biodiversity? Provide a detailed rationale for your answer. **[40 marks]**

### **Question 2**

- a) Holocene mass extinction is the current extinction episode and the major cause is human activities. Discuss in detail, using relevant examples, the reasons for this observation. **[40 marks]**
- b) Assuming that you are employed as a wildlife ecologist in a country battling the triple burden of climate change, COVID 19 pandemic and an uncertain economic environment. Write a detailed report advising the government on the best strategies to improve the abundance and distribution of wildlife. **[60 marks]**

### **Question 3**

- a) Wildlife management attempts to balance the needs of wildlife with the needs of people using the best available science. Give a critical discussion of how this can be achieved in your country. **[30 marks]**
- b) Wildlife management is the focus of considerable international debate. Discuss in detail, using relevant examples, the reasons for this observation. **[40 marks]**
- c) Management of wildlife is an interdisciplinary science. Discuss. **[30 marks]**

**END OF EXAMINATION PAPER**