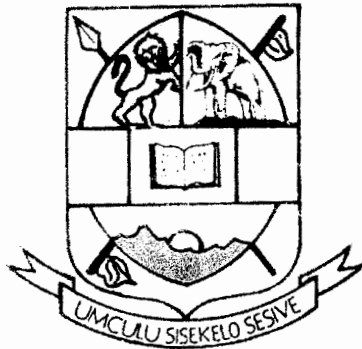


**2<sup>ND</sup> SEMETER 2008/2009**



**PAGE 1 OF 2**

**UNIVERSITY OF SWAZILAND  
FINAL EXAMINATION PAPER**

**PROGRAMME : B. SC. IN ANIMAL SCIENCE YEAR IV**

**COURSE CODE : APH 409**

**TITTLE OF PAPER : PRINCIPLES OF WILDLIFE MANAGEMENT**

**TIME ALLOWED : TWO HOURS**

**INSTRUCTIONS : ANSWER ANY FOUR QUESTIONS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN  
GRANTED BY THE CHIEF INVIGILATOR**

**QUESTION ONE**

- a. What is Demography in wildlife? (2 Marks)
- b. Give an account of the factors that limit the distribution of wildlife species. (8 Marks)
- c. Describe how wildlife species interact with one another. (15 Marks)

**QUESTION TWO**

- a. Explain the concepts of communities and ecosystems in wildlife. (10 Marks)
- b. Briefly explain what is involved in ecological succession of wildlife populations. (15 Marks)

**QUESTION THREE**

Using the examples of the water cycle, carbon cycle and nitrogen cycle give an account of the cycling of nutrients and flow of energy in Ecosystems. (25 Marks)

**QUESTION FOUR**

List and describe each of the diseases spread from wildlife to livestock and suggest how this could be minimised. (25 Marks)

**QUESTION FIVE**

Discuss the positive and negative implications of managing game and domestic animals on the same farm. (25 Marks)

**QUESTION SIX**

Discuss the advantages and disadvantages of wildlife conservation in Southern Africa. (25 Marks)