



2ND SEMESTER 2009/2010

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**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

PROGRAMME : B. Sc. IN ANIMAL SCIENCE YEAR IV

COURSE CODE : APH 409

TITLE 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. Define the term Ecology and describe how selection operates as a sculptor of ecological relationships indicating the forms of selection involved. (20 Marks)
- b. What limits the power of selection? (5 Marks)

QUESTION TWO

Write a short essay on the concept of population as it applies to wildlife. (25 Marks)

QUESTION THREE

List and briefly discuss the ways in which game farming can be exploited by farmers to provide income. (25 Marks)

QUESTION FOUR

Describe how game cropping is carried out and give reasons why this operation is important. (25 Marks)

QUESTION FIVE

List and briefly discuss the commonly used techniques for capturing and transporting game animals. (25 Marks)

QUESTION SIX

Describe how game ranching can be established in Southern Africa. (25 Marks)