



**1<sup>st</sup> SEMESTER 2011/2012**

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**UNIVERSITY OF SWAZILAND  
FINAL EXAMINATION PAPER**

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

**COURSE CODE : AS 306 / 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**

Discuss the methods used to control bush encroachment in wildlife production. (25 Marks)

**QUESTION TWO**

I- Define the following items:

- a) Biodiversity. (2 Marks)
- b) Subsistence poaching. (2 Marks)
- c) Ruminant animal. (2 Marks)
- d) Reclaimed species. (2 Marks)
- e) Population structure. (2 Marks)

II- Briefly explain the methods that can be used in problem animal control. (15 Marks)

**QUESTION THREE**

Write short notes on the following:

- a) Management of declining wild animal species. (10 Marks)
- b) Animal capture methods. (15 Marks)

**QUESTION FOUR**

Give an example(s) of the following items:

- a) Exploitation. (5 Marks)
- b) Commensalism. (5 Marks)
- c) Secondary succession. (5 Marks)
- d) Diurnal rhythms. (5 Marks)
- e) Chemical defences in animals. (5 Marks)

**QUESTION FIVE**

Explain clearly the following:

- a) Carrying capacity. (5 Marks)
- b) Warning and protective colouring. (5 Marks)
- c) Large triangular camps. (5 Marks)
- d) Clinical signs of the Rift valley Fever. (5 Marks)
- e) Control of the Blue Tongue disease. (5 Marks)