



**FINAL EXAMINATIONS  
2010/2011**

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**UNIVERSITY OF SWAZILAND  
FINAL EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN  
ANIMAL SCIENCE YEAR II**

**COURSE CODE : AS 203**

**TITLE OF PAPER : INTRODUCTION TO ANIMAL SCIENCE**

**TIME ALLOWED : TWO (2) HOURS**

**INSTRUCTIONS : ANSWER ANY FOUR (4) QUESTIONS**

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

**QUESTION 1**

Discuss in detail precautions necessary when constructing livestock handling facilities, include why these precaution are important.

(25 marks)

**QUESTION 2**

Describe the tropical environment and how it affects livestock production.

(25 marks)

**QUESTION 3**

One of the major constraints facing livestock production in Swaziland is lack of feed resources caused by overgrazing. Discuss how the government is trying to solve this problem.

(25 marks)

**QUESTION 4**

The "Beef Industry" has several segments performing different functions. What are these segments and what functions do they perform?

(25 marks)

**QUESTION 5**

a) Why is feed preparation and processing important in livestock production?

(10 marks)

b) Discuss the following grain processing methods; grinding, pelleting and popping.

(15 marks)