



**UNIVERSITY OF SWAZILAND**  
**2<sup>nd</sup> SEM. 2014/2015**  
**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**

A farmer has bought land that he intends to use as a beef cattle ranch. Advise him on what facilities he needs to construct in order to efficiently manage his animals. (25 Marks)

**QUESTION 2**

Give an account of how tropical conditions affect livestock production in the tropics. (25 Marks)

**QUESTION 3**

Describe how boars and gilts are selected for breeding purposes. (25 Marks)

**QUESTION 4**

Describe the indicators used in evaluating beef cattle productivity. Explain why these indicators show poor productivity on Swazi Nation Land compared with Title Deed Land. (25 Marks)

**QUESTION 5**

- a) Explain why feed preparation and processing are important in livestock production. (10 Marks)
- b) Describe the physical and production characteristics of the common dairy breeds found in Swaziland. (15 Marks)