



2ND SEM. 2009/2010

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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.**

PAGE 2 OF 3**QUESTION 1**

Condition scoring of breeding cows is an important tool in maintaining a 365-day calving interval. What is condition scoring and how is it utilized in evaluating beef cows?

(25 marks)

QUESTION 2

Livestock management techniques are essential in animal production. Pick any 5 livestock management techniques and explain why they are important in Animal Science.

(25 marks)

QUESTION 3

Suppose there is a Career Day at a local High School and you have been invited to speak about Animal Science.

Write your speech under the following subtopics:
What is Animal Science? What Career opportunities are available in Animal Science? Types of employers and job titles in Animal Science.

(25 marks)

QUESTION 4

What productivity indicators would you consider when comparing beef cattle production on Swazi Nation Land (SNL) with Title Deed Land (TDL).

Explain the factors that are responsible for the difference in productivity between SNL and TDL.

(25 marks)

QUESTION 5

- a) What are the functions of the Data Processing Unit in the Ministry of Agriculture. (10 marks)

- b) What are the common beef cattle records a producer should keep and how do these records help the producer to improve productivity? (15 marks)