



**1<sup>ST</sup> SEM. 2006/2007**

**UNIVERSITY OF SWAZILAND**  
**FINAL EXAMINATION PAPER**

**PROGRAMME:** DIPLOMA IN AGRICULTURE AND IN AGRICULTURAL EDUCATION III

**COURSE CODE:** APH 304

**TITLE OF PAPER:** LARGE RUMINANT PRODUCTION

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

**INSTRUCTIONS:** ANSWER FOUR (4) QUESTIONS, AT LEAST TWO (2) QUESTIONS FROM EACH SECTION.

**THIS PAPER MAY NOT BE OPENED UNTIL THE CHIEF INVIGILATOR HAS GRANTED PERMISSION.**

**SECTION A DAIRY PRODUCTION**

**Answer two (2) questions from this section.**

**QUESTION 1**

Discuss colostrum feeding in dairy production.

(25 Marks)

**QUESTION 2**

Your government wants you to write a paper justifying her commitment to the promotion of dairying in your country. Prepare this paper eliciting the importance and requirements of dairy production.

(25 Marks)

**QUESTION 3**

Discuss the effect of hormones in milk harvesting

(25 Marks)

**SECTION B BEEF PRODUCTION**

**Answer two (2) questions from this section.**

**QUESTION 4**

What are the differences in beef cattle productivity between Swazi Nation Land and Title Deed Land? What factors contribute to these differences in productivity?

(25 marks)

**QUESTION 5**

Write short notes on the following:

- a) Bull loan scheme
- b) Live animal evaluation at Rural Saleyards.
- c) Sanitation in a slaughter facility.

(5 marks)

(5 marks)

(15 marks)

**QUESTION 6**

A farmer is keeping Brahman-Simmental crosses in the Middleveld of Swaziland. What breed characteristics do you think this farmer wants to exploit by using crosses of these two breeds?

(25 marks)