



1st SEM. 2006/2007

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE:
APH OPTION YEAR 5 AND BACHELOR OF SCIENCE IN
AGRICULTURE EDUCATION YEAR 5.**

COURSE CODE: APH 501

TITLE OF PAPER: BEEF PRODUCTION

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

The shortage of quality cattle for both local and export markets has made Swaziland Meat Industries (SMI) to promote feedlots in the country. What are the positive and the negative elements about the way the feedlot project is run by S.M.I.? **(25 Marks)**

QUESTION 2

Improving beef cattle productivity on Swazi Nation Land (SNL) such that it is comparable with that on Title Deed Land(TDL) is **not** possible under the current setup. Discuss the above statement. **(25 Marks)**

QUESTION 3

What are the main beef cattle management activities in a commercial ranch? Specify when these activities are done (months) and why they are important in beef cattle production. **(25 Marks)**

QUESTION 4

- a) Discuss the importance of government breeding ranches to the beef cattle industry in Swaziland. **(15 Marks)**
- b) Write about the role of keeping records in beef cattle production. **(10 Marks)**

QUESTION 5

Balancing pasture productivity and animal performance is critical in maximizing profitability in a ranch. Give detailed management strategies in managing pastures and animal performance to ensure high productivity. **(25 Marks)**