



2nd SEM. 2008/2009

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN
AGRICULTURAL ECONOMICS AND
AGRIBUSINESS MANAGEMENT III
AND BACHELOR OF SCIENCE IN
AGRICULTURAL EDUCATION III

COURSE CODE: APH 308

TITLE OF PAPER: RUMINANT ANIMAL PRODUCTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS, AT
LEAST ONE (1) QUESTION FROM EACH
SECTION.

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

SECTION A BEEF PRODUCTION

QUESTION 1

The Nguni and the Brahman breeds are said to be ideal for the tropical environment. Discuss the characteristics of these breeds that make them suitable for the tropical climate. (25 marks)

QUESTION 2

Beef cattle production over the years has consistently been lower on Swazi Nation Land (SNL) compared with Title Deed Land (TDL). What four (4) major factors contribute to lower beef cattle production on SNL? (25 marks)

SECTION B DAIRY PRODUCTION

QUESTION 3

Local milk production is far lower than what the public demands. Briefly Discuss this statement and recommend how can this problem be addressed. (25 marks)

QUESTION 4

The Farmers Association of Hhohho, has complained that their raw milk gets spoiled within 12 hours of cold storage. Explain 5 possible causes for this, and how they can be corrected. (25 marks)

SECTION C: GOAT AND SHEEP PRODUCTION

QUESTION 5

Discuss the feeding of a ewe through out its productive life for improve performance. (25 marks)

QUESTION 6

Discuss the constraints of sheep and goat production in Swaziland (25 marks)