



1ST SEM. 2011/2012

PAGE 1 OF 3

UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER

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

COURSE CODE: **AS 208**

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

DR BJ DLAMINI

QUESTION 1

What are the major differences in beef cattle performance between Swazi Nation Land and Title Deed Land? What are the causes of these differences in performance?

(25 Marks)

QUESTION 2

Discuss beef cattle marketing in Swaziland.

(25 marks)

SECTION B.

DAIRY PRODUCTION

PROF AM DLAMINI

QUESTION 3

Discuss the feeding of dairy calves from birth to weaning.

(25 marks)

QUESTION 4

Outline the classification of dairy farmers in Swaziland and explain how this has impacted on the status of milk production in the country.

(10 marks)

DR G Z KHUMALI

SECTION C GOAT AND SHEEP PRODUCTION

QUESTION 5

Nutrition of a doe/ewe is one of the most important management practices in goat and sheep production.

Discuss the nutrition of a doe/ewe during the following times of its reproductive life:

(25 marks)

- (i) Premating (flushing)
- (ii) Mating and first month of pregnancy
- (iii) Mid-pregnancy (second and third month)

QUESTION 6.

Lax management at parturition is one of the cause^s of high kid mortality, which in turn leads to economic loss to a farmer. Outline the activities a farmer could undertake to minimise kid mortality during the first two weeks of life.

(25 marks)