



2nd SEM 2011/2012

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

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

COURSE CODE: AS 208

TITLE OF PAPER: RUMINANT ANIMAL PRODUCTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER FOUR (4) QUESTIONS, WITH AT
EAST ONE(1) QUESTION FROM
EACH SECTION

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GRANTED BY THE CHIEF INVIGILATOR.**

SECTION A

BEEF PRODUCTION

QUESTION 1

Describe the 3 types of slaughter facilities found in Swaziland including the basic requirements for these facilities. (25 marks)

QUESTION 2

- a) Describe the “National Beef Cattle Breeding Programme” Discuss the functions of the above programme. (10 marks)
- b) Describe the Brahman breed characteristics that make it ideal for the tropical environment ? (15 marks)

SECTION B.

DAIRY PRODUCTION

QUESTION 3

Discuss the general dairy production systems and explain the system that is followed in Swaziland. (25 marks)

QUESTION 4

Write short notes about the following:

- a. Milk fever (10 marks)
- b. Milk let down (15 marks)

SECTION C GOAT AND SHEEP PRODUCTION

QUESTION 5

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

QUESTION 6

- a) Explain how a goat farmer can tell that her/his doe is ready to receive a buck for mating. (10 marks)
- b) Give five reasons why reproduction is important in goat and sheep production. (15 marks)