



1st SEM. 2019/2020

UNIVERSITY OF SWAZILAND

RESIT EXAMINATION PAPER

PROGRAMME: **B. Sc. AGRRICULTURAL ECONOMICS
AND AGRIBUSINESS MANAGEMENT II
AND B. Sc. AGRICULTURAL
EDUCATION III**

COURSE CODE: **ASC209**

TITTLE OF PAPER: **RUMINANT ANIMAL PRODUCTION**

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

INSTRUCTIONS: **ANSWER ANY FOUR (4) QUESTIONS,
WITH ATLEAST ONE (1) QUESTION
FROM EACH SECTION.**

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

SECTION A**QUESTION 1**

- a) Describe the 3 types of slaughter facilities found in Eswatini. [12 Marks]
- b) Discuss beef cattle marketing in Eswatini. [13 Marks]

QUESTION 2

Write short notes on the following:

- a) Rural Saleyards [5 Marks]
- b) Sisa Ranches [5 Marks]
- c) Feedlots [5 Marks]
- d) Fattening Ranches [5 Marks]
- e) Maternal and Paternal breeds [5 Marks]

SECTION B**Question 3**

Discuss the factors to consider when deciding on the number of ewes to give to the rams during mating?

(25 marks)

Question 4

Discuss the advantages of sheep and goat production over cattle production.

(25 marks)

SECTION C

QUESTION 5

Describe and explain the status of the dairy industry in Eswatini.

(25 Marks)

QUESTION 6

Define the following terms and explain their significance in milk production.

- a. Dairy lactation. **(5 Marks)**
- b. Lactogenesis. **(5 Marks)**
- c. Galactopoiesis. **(5 Marks)**
- d. Milk let down. **(5 Marks)**
- e. Colostrum. **(5 Marks)**