



1ST SEM. 2017/2018

UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

PROGRAMME:

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

COURSE CODE:

ASC209

TITLE OF PAPER:

RUMINANT ANIMAL PRODUCTION

TIME ALLOWED:

TWO (2) HOURS

INSTRUCTIONS:

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

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

SECTION A

BEEF PRODUCTION

QUESTION 1

Describe the steps involved in slaughtering beef cattle and include the inspection that is undertaken in abattoirs.

(25 Marks)

QUESTION 2

Discuss the major functions of government ranches including how efficient these ranches are in performing their functions.

(25 Marks)

SECTION B

DAIRY PRODUCTION

QUESTION 3

Discuss the feeding of dairy calves from birth to weaning.

(25 Marks)

QUESTION 4

Briefly discuss how milk secretion and the prevention of milk secretion occur in lactating dairy cows.

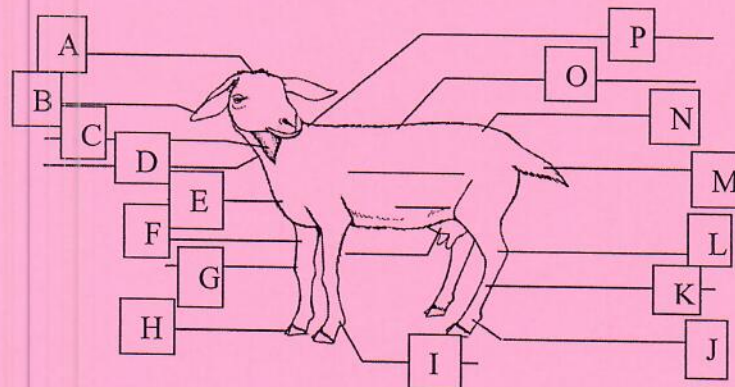
(25 Marks)

SECTION C

GOAT AND SHEEP PRODUCTION

QUESTION 5

(a) Label the different parts of the goat (*Capra aegagrus hircus*).



(16 Marks)

(b) Identify and discuss three (3) traits that are important for successful sheep and goat production in a country like Swaziland

(9 Marks)

QUESTION 6

a. Itemize and describe the importance of sheep and goat industry in Swaziland.

(15 Marks)

b. List the limitations associated with sheep and goat production in Swaziland.

(10 Marks)