



**2<sup>nd</sup> SEM 2015/2016**

**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**

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

**SECTION A                      BEEF PRODUCTION**

**QUESTION 1**

- a) Describe the 3 types of slaughter facilities found in Swaziland. (12 Marks)
- b) What are the basic requirements for a slaughter facility and why are these requirements important? (13 Marks)

**QUESTION 2**

During severe drought explain the steps you would take as a ranch manager to save your herd. (25 Marks)

**SECTION B                      DAIRY PRODUCTION**

**QUESTION 3**

Milk production is practised world-wide and is being improved. Discuss:

- a) The importance of dairying. (10 Marks)
- b) Four dairy breeds and state which one you would recommend to small-scale dairy farmers in Swaziland and why. (15 Marks)

**QUESTION 4**

Discuss the dairy farming systems used world-wide and briefly discuss the one practised in Swaziland. (25 Marks)

**SECTION C                      GOAT AND SHEEP PRODUCTION**

**QUESTION 5**

List and describe ten unique characteristics of sheep. (25 Marks)

**QUESTION 6**

Name and discuss the non-infectious diseases of sheep and goats. (25 Marks)