

1ST SEM. 2015/2016



**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

**PROGRAMME: BACHELOR OF SCIENCE IN
 ANIMAL SCIENCE IV**

COURSE CODE: AS 402

TITLE OF PAPER: BEEF PRODUCTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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

QUESTION 1

When evaluating calves at weaning, there are a number of adjustments that are done. Describe these adjustments including reasons for making them.

(25 Marks)

QUESTION 2

A large proportion of the nation's breeding cows do not calve during any given calving season and the mortality rate of calves from birth to weaning is high. Discuss the causes and the economic impact of the above problems.

(25 Marks)

QUESTION 3

A farmers' association has asked you to present a paper titled 'Establishing a Feedlot and Key Management Areas to Ensure Profitability of the Business'. Discuss the major points of your presentation.

(25 Marks)

QUESTION 4

A farmer needs information on the merits and limitations of intensive and extensive beef cattle production. Provide the farmer with adequate information in order that he/she can make decision on which system would be appropriate for his/her situation.

(25 Marks)

QUESTION 5

In beef cattle management there are periods when nutrient requirements of different classes of beef cattle are critical. Highlight these critical periods for different classes of beef cattle and explain why nutrient requirements have to be met.

(25 Marks)