

**1<sup>ST</sup> SEM. 2012/2013**



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**UNIVERSITY OF SWAZILAND**

**SUPPLEMENTARY 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 4**

Discuss the role played by the following in the beef cattle industry:

- i) Breed associations. (10 marks)
- ii) Farmer's associations. (10 marks)
- iii) Livestock development plan. (5 marks)

#### **QUESTION 5**

A farmer needs information on the merits and limitations of intensive and extensive beef cattle production. Provide the farmer with adequate information in order for him to make a decision either way.

(25 marks)