

94



1ST SEM. 2018/2019

Page 1 of 2

UNIVERSITY OF ESWATINI

RE-SIT EXAMINATION PAPER

**PROGRAMME: BSC. AGRICULTURAL EDUCATION IV
BSC. ANIMAL SCIENCE IV**

COURSE CODE: ASC401/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

Beef cattle production as it exists on Swazi Nation Land is unsuitable. Discuss factors or issues that exist to support the above statement. **(25 Marks)**

QUESTION 2

Discuss and contrast the characteristics of *Bos indicus* against those of *Bos taurus* breeds of beef cattle. **(25 Marks)**

QUESTION 3

Rabies is an endemic problem in Eswatini. Describe the conventional control measures for rabies. What are the challenges faced by the Veterinary department in controlling this disease? **(25 Marks)**

QUESTION 4

Discuss five (5) government projects that were established to reduce overstocking on Swazi Nation Land. **(25 Marks)**

QUESTION 5

- a). Explain briefly the following Cross breeding systems; **(15 Marks)**
- i.) Rotational crossbreeding.
 - ii.) Terminal crossbreeding.
 - iii.) Backcross breeding.
- b). Discuss the impact of FMD outbreaks on the Eswatini beef meat industry, give examples to illustrate the answer. **(10 Marks)**