



1st SEM. 2020/2021

**UNIVERSITY OF ESWATINI
FINAL EXAMINATION PAPER**

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

COURSE CODE: ASC401

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

A ranch owner wants to know the best marketing alternative from among the following:

- i) Selling weaners (10 Marks)
- ii) Selling yearlings (8 Marks)
- iii) Selling finished beef cattle (7 Marks)

Describe situations/ conditions that would favour selling beef cattle at each of the above stages.

QUESTION 2

Describe the main beef cattle management activities that are performed in a commercial ranch. Specify when these activities are done (months) and why they are done during that time (months) and why they are important in beef cattle production.

(25 Marks)

QUESTION 3

The purpose of establishing government ranches was to develop the beef cattle industry in the country. However, the contribution of government ranches to the beef cattle industry has decreased markedly. Discuss the primary functions of the different types of government ranches and the challenges that have made them ineffective.

(25 Marks)

QUESTION 4

Describe live and carcass evaluation of beef cattle in Eswatini including when these evaluations are done and the professionals who perform them.

(25 Marks)

QUESTION 5

The Kingdom of Eswatini has a quota of three thousand three hundred and sixty metric tons of boneless beef to supply the European Union. However, the country has never been able to satisfy the lucrative European market with the quota granted to it. Discuss the major reasons why the country is not able to meet the demand expected by the European Union.

(25 Marks)