



UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE YEAR 5
BACHELOR OF SCIENCE IN AGRICULTURE
EDUCATION YEAR 5.**

COURSE CODE: APH 501

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

Imagine you had a bank loan to start a feedlot business with a capacity to feed 500 cattle at a given time. Give a detailed account on how you would use the money. What aspects of your business (feedlot) would you pay particular attention to in order to ensure profitability? **(25 Marks)**

QUESTION 2

Pick any three common beef cattle diseases in Swaziland and highlight their economic impact on beef cattle production. Discuss how you would design a herd health program to prevent, control and treat the 3 diseases. **(25 Marks)**

QUESTION 3

- a) Write about beef cattle marketing in Swaziland. **(15 Marks)**
- b) Why is animal welfare important to the beef industry? **(10 Marks)**

QUESTION 4

Discuss major differences in beef cattle management and productivity between traditional management on Swazi Nation Land and commercial ranching. **(25 Marks)**

QUESTION 5

Discuss the traits of economic importance under the following segments of the beef industry: seedstock breeders, feedlots, commercial ranches, and yearling producers. **(25 Marks)**