



1ST SEM. 2011/2012

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UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN
ANIMAL SCIENCE IV

COURSE CODE: AS/APH 402

TITLE OF PAPER: BEEF PRODUCTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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GRANTED BY THE CHIEF INVIGILATOR.**

QUESTION 1

Discuss the selection of beef cattle breeding stock using the weaning weight and yearling weight records. What adjustments are made during the above evaluation and why are these adjustments made?

(25 marks)

QUESTION 2

Suppose you have been granted a loan by the Swazi Development Bank to establish a commercial beef cattle ranch. The cow herd for a start will be 300. Assuming the farm will be in the lowveld of Swaziland (no infrastructure), give a detailed account of how you would use the loan.

(25 marks)

QUESTION 3

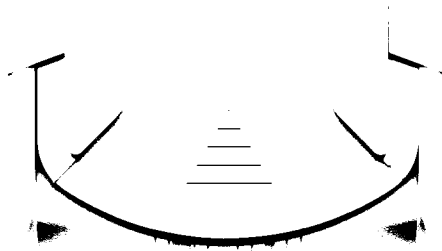
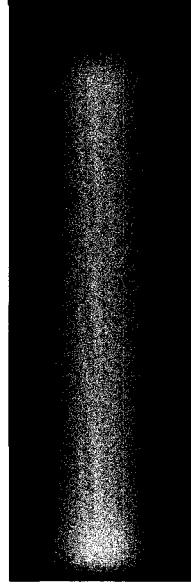
Make a critical evaluation of the feedlot industry in the country. The following categories might help in the evaluation: feed resources, supply of feeder cattle, technical expertise and other factors.

(25 marks)

QUESTION 4

Give the economic importance, symptoms, cause, prevention and treatment of each of the following diseases: Brucellosis, Foot and Mouth Disease and Rabies.

(25 marks)



QUESTION 5

Explain the significance of the relationship between animal scientists and animal welfare organizations in promoting animal production and animal welfare.
(25 marks)