

UNIVERSITY OF FORT HARE

AGA 425

**SUPPLEMENTARY EXAMINATIONS
NOVEMBER 2021**

Time: 3 HOURS

Module title: Beef Production and Game Farming

Marks: 100

This paper consists of 2 pages including cover page

Internal Examiner: Dr C.T. Mpendulo

Examiner: Prof. V. Mlambo

Instructions

Answer all questions.

QUESTION 1**[15 MARKS]**

Give any THREE of the main management practices of an intensive beef farming enterprise? Specify the timing of these activities (weeks/months) while explaining the reasons why these practices are done and their importance in production. [15 marks]

QUESTION 2**[10 MARKS]**

Highlight the reasons why a farmer based in subtropical regions may opt for *Bos Indicus* breeds but not *Bos Taurus* breeds. [10 marks]

QUESTION 3**[15 MARKS]**

A farmer's association has asked you to present a paper titled 'Management of breeding stock (heifers and bulls)'. Outline the major points for your presentation. [15 marks]

QUESTION 4**[10 MARKS]**

In lactating beef cattle, there are periods where meeting nutritional requirements is critical. Highlight these critical points/periods and explain why nutrient requirements have to be met. [10 marks]

Question 5**[15 MARKS]**

A farmer needs information on the merits and demerits of intensive and extensive beef cattle production systems. Provide the farmer with adequate information in order for him/her to make an informed choice. [15 marks]

QUESTION 6**[10 MARKS]**

In beef cattle production, the single most important factor affecting profitability is the calving rate. Explain in detail how, as a ranch manager, you can ensure that high calving rate is attained. [10 marks]

Question 7**[10 MARKS]**

Briefly discuss factors that affect the profitability of a feedlot production enterprise. [10 marks]

QUESTION 8**[15 MARKS]**

Outline the economic importance of beef farming in improving the livelihoods of farmers and the surroundings. [15 marks]

THE END