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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE APH
OPTION 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

QUESTION 1

A ranch owner wants advice from you whether to sell his Cattle as 1) weaners, 2) yearlings or 3) finished (fattened) cattle. Provide the rancher with situations that are ideal for doing each one of the above.

(25 marks)**QUESTION 2**

Beef cattle productivity on Swazi Nation land is considerably lower than on Title Deed land. Indicate the areas of low productivity and all the possible causes for the poor performance.

(25 marks)**QUESTION 3**

Discuss the factors involved in both bull and replacement heifer selection. In the discussion include the importance of each factor in reproduction and in addition give reasons for culling cows in the breeding herd.

(25 marks)**QUESTION 4**

The government should have a role in facilitating the development of the beef industry in Swaziland. In your view, what role can the government play to improve the beef industry?

(25 marks)**QUESTION 5**

A farmer needs information on the merits and limitations of intensive and extensive beef production. Provide the farmer with adequate information in order that he can make a decision.

(25 marks)