



2ND SEM. 2004/2005

PAGE 1 OF 2

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATIONS: 2004/2005

**PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE: APH
OPTION YEAR IV**

COURSE CODE: APH 405

TITLE OF PAPER: LIVESTOCK TECHNOLOGY AND MARKETING

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

Describe the process of beef cattle slaughter in a modern abattoir. (25 marks)

QUESTION 2

Discuss the use of growth promoters in livestock production. (25 marks)

QUESTION 3

Describe the main steps in commercial yoghurt making. (25 marks)

QUESTION 4

Discuss the relationship between the pattern of growth and carcass quality in beef cattle. (25 marks)

QUESTION 5

- a) Describe the Gerber fat test. (13 marks)**
- b) Write short notes on the physical-chemical properties of fresh cow's milk. (12 marks)**

QUESTION 6

Discuss how efficient marketing can stimulate the growth of the livestock industry in Swaziland. (25 marks)