



**2<sup>ND</sup> SEM. 2004/2005**

**PAGE 1 OF 2**

**UNIVERSITY OF SWAZILAND**

**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**

**Suggest strategies for the improvement of livestock and livestock products marketing in Swaziland. (25 marks)**

**QUESTION 2**

**Write an essay entitled, "Milk chemistry." (25 marks)**

**QUESTION 3**

**Write short notes on the following:**

- a) Considerations in the design of animal houses. (15 marks)**
- b) Objectives of livestock feed processing? (10 marks)**

**QUESTION 4**

**What factors need to be considered in the choice of a livestock technology? (25 marks)**

**QUESTION 5**

**Discuss the importance of body condition scoring in livestock production. (25 marks)**

**QUESTION 6**

**Discuss the future of recombinant DNA (rDNA) technology (genetic engineering) and cloning in the context of livestock production in Swaziland. (25 marks)**