



2nd SEM. 2010/2011

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME: BSC. IN AGRICULTURAL EDUCATION IV
BSC. IN ANIMAL SCIENCE IV**

COURSE CODE: APH 407

TITLE OF PAPER: PIG AND RABBIT PRODUCTION

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

Mr. Mabuza wants to start a rabbit enterprise and ask you to accompany him to Mr Lenjo Dlamini's rabbit farm to select the rabbits he is going to buy. He seeks advice from you on which does and bucks he should buy. Please advise. **(25 marks)**

Question 2

The creep area should always be clean and warm for the piglets, if its not warm they will suffer from hypothermia.

- a) Why are piglets more prone to hypothermia? **(5 marks)**
- b) Using a diagram, discuss the chilling-starvation and overlying disease complex in piglets. **(20 marks)**

Question 3

Discuss the following rabbit diseases including symptoms and how they can be controlled.

- a) Myxomatosis **(10 marks)**
- b) Ear canker and skin mange **(9 marks)**
- c) Pneumonia **(6 marks)**

Question 4

Mrs Dlamini from Hhohho and Mrs Kunene from Shiselweni have piggery units. All of Mrs Kunene 's gilts cycle before they reach 175 days whereas none of Mrs Dlamini's would have cycled by then. Discuss what could cause such a difference. **(25 marks)**

Question 5

A farmer wants to start producing pigs and he goes to Mpisi farm to buy a three months pregnant gilt, however he does not know how he should raise it until it farrows and also during farrowing. Please advise. **(25 marks)**