



**2<sup>nd</sup> SEM. 2009/2010**

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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**

- a) Why is weaning very traumatic to piglets? (4 marks)
- b) Discuss how you can make sure that newly weaned piglets successfully establish themselves. (21 marks)

**Question 2**

Discuss the factors which influence the age at which gilts reach puberty. (25 marks)

**Question 3**

- a) State two methods one could use to synchronise oestrus in sows? (2 marks)
- b) Which one is the best method and why? (2 marks)
- c) Discuss the different stages of the oestrus cycle in gilts. (10 marks)
- d) Discuss the importance of stimoestrus 200 and servistim when carrying out artificial insemination in pigs. (11 marks)

**Question 4**

Discuss the criteria for selecting replacement rabbit stock. (25 marks)

**Question 5**

Discuss the following rabbit diseases:

- a) Pneumonia (5 marks)
- b) Ear canker and skin mange. (10 marks)
- c) Myxomatosis. (10 marks)