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1ST SEM. 2011/2012

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE: APH/AS 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? (5 marks)
b) Discuss the major aspects to take into consideration for successful establishment of a newly weaned pig. (20 marks)

Question 2

Mr Dlamini bought five pregnant gilts from Mpisi breeding station. The sows farrowed a week ago; he is now contemplating about the weaning age, whether to wean them at ten days of age or at four weeks. Please advise him.

(25 marks)

Question 3

Mrs. Mlipha would like to venture into a pig enterprise and has just bought 12 three months-old gilts from Middleburg in South Africa. She approaches you as a pig specialist to seek advice on how she should manage them so they can start cycling early. Please advise her.

(25 marks)

Question 4

World vision provides you with money to engage rural farmers into rabbit production for food security. You go to Mr. Lenjo Dlamini a rabbit breeder to purchase rabbit does and bucks for the farmers. Discuss what criteria you would use to choose the rabbits you will purchase.

(25 marks)

Question 5

Discuss the following diseases in rabbits including symptoms and how they can be controlled:

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