



1ST SEMESTER 2012/2013

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMMES: BACHELOR OF SCIENCE IN AGRICULTURAL
EDUCATION YEAR 4 AND BACHELOR OF
SCIENCE IN ANIMAL SCIENCE YEAR 4**

TITLE OF PAPER: PIG AND RABBIT PRODUCTION

COURSE CODE: AS 407

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1

- a. Describe the characteristics of the following breeds of pigs:
- i. Large White (5 Marks)
 - ii. Landrace (5 Marks)
 - iii. Duroc (5 Marks)
- b. Explain how gilts could be influenced to attain puberty at an early age. (10 Marks)

QUESTION 2

Discuss the considerations to be made when starting rabbit production (25 Marks)

QUESTION 3

Describe how a gilt or sow in heat is detected and then describe how the service management is carried out. (25 Marks)

QUESTION 4

Describe how the selection of the buck and doe for breeding is carried out in rabbit production. (25 Marks)

QUESTION 5

Describe how piglets are managed from farrowing up to weaning. (25 Marks)

QUESTION 6

Given that gilts would come into heat 5 to 8 days after weaning, describe how you would make sure that such gilts would come into heat within that period. (25 Marks)