



1ST SEM. 2010/2011

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

**PROGRAMME: BSC. IN AGRICULTURAL ECONOMICS III
AND MANAGEMENT YEAR 3**

COURSE CODE: AS 303

TITLE OF PAPER: NON- RUMINANT 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) Discuss the different methods of sexing chickens. (10 marks)
- b) What are the signs of a laying bird and a non laying bird. (15 marks)

Question 2

Discuss the criteria for selecting replacement gilts and boars. (25 marks)

Question 3

Discuss pre-farrowing and farrowing management in pigs. (25 marks)

Question 4

Discuss mating, pregnancy and kindling management of rabbits. (25 marks)

Question 5

A hatchery manager observed a reduction in the fertility of his eggs. Discuss what could be the causes. (25 marks)