

**UNIVERSITY OF SWAZILAND**  
**FACULTY OF AGRICULTURE**

**DEPARTMENT: ANIMAL PRODUCTION AND HEALTH**

**FIRST SEMESTER EXAMINATIONS: 2004/2005**

**DIPLOMA IN AGRICULTURE: AG, AGED, HE, HEE YEAR III**

**COURSE CODE: APH 302**

**TITLE OF PAPER: NON-RUMINANT PRODUCTION**

**TIME ALLOWED: TWO (2) HOURS**

**INSTRUCTIONS: ANSWER FOUR (4) QUESTIONS WITH  
AT LEAST ONE (1) FROM EACH SECTION**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN  
GRANTED BY THE CHIEF INVIGILATOR.**

**EXAMINATION QUESTIONS****PIG SECTION**

1. With the help of a labelled pig digestive tract, state the functions of the stomach, duodenum, intestine, caeca and anus. (25 marks)
2. How do you manage pregnancy, pre-farrowing, farrowing, lactating and weaning in a sow? (25 marks)

**RABBIT SECTION**

3. Discuss water supply, low receptivity, re-breeding and handling in rabbit production. (25 marks)
4. a) Describe the breeds you know in rabbit production. (10 marks)
- b) What is the economic importance of rearing rabbits? (15 marks)

**POULTRY SECTION**

5. a) Draw and describe the digestive system of a fowl. (15 marks)
- b) Discuss poultry management systems. (10 marks)
6. a) Discuss the management of layers? (10 marks)
- b) Describe the main nutrients and their functions in poultry nutrition. (15 marks)