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UNIVERSITY OF SWAZILAND
SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME : **DIPLOMA (AG., AG. ED, HE AND HEE) YEAR III**

COURSE CODE : **APH 302**

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

TIME ALLOWED : **2 HOURS**

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

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

POULTRY SECTION**QUESTION 1**

- a) What are the equipment used in brooding day-old chicks. (10 Marks)
- b) Summarize brooding operations in rearing chicks. (15 Marks)

QUESTION 2

- a) What are the routine and occasional operations carried out in layers production. (15 Marks)
- b) Discuss the marketing of eggs and poultry meat. (10 Marks)

PIGS SECTION**QUESTION 3**

- a) Discuss the potentials and constraints of pig farming. (10 Marks)
- b) Describe the exotic breeds of pig. (15 Marks)

QUESTION 4

- a) Discuss the systems of management in pig production. (10 Marks)
- b) What are the mating systems in a commercial pig enterprise? (15Marks)

RABBIT SECTION**QUESTION 5**

- a) Describe mating, kindling, sexing, low receptivity and re-breeding in rabbits. (15 Marks)
- b) What are the management systems in rabbits? (10 Marks)

QUESTION 6

- a) Rabbits feed on a wide range of feed resources. Discuss. (15 Marks)
- b) Describe the major nutrients in rabbit nutrition and indicate their sources. (10 Marks)

GOOD LUCK