



UNIVERSITY OF ESWATINI

1st SEM. 2018/2019

RE-SIT EXAMINATION PAPER

**PROGRAMME: B.Sc. AGRICULTURAL ECONOMICS AND AGRIBUSINESS
MANAGEMENT YEAR 2**

COURSE CODE: ASC 211

TITLE OF PAPER: NON-RUMINANT ANIMAL PRODUCTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

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

QUESTION 1

- (i) Draw and label the internal anatomy of an egg. (12.5 Marks)
- (ii) Briefly discuss hatchery hygiene. (12.5 Marks)

QUESTION 2

- (a) Define the term incubation. (5 Marks)
- (b) Detail how fertile eggs are managed for successful hatching in an incubator. (20 Marks)

QUESTION 3

Describe the process of digestion in rabbits with special emphasis on ceacotrophy and coprophagy. (25 Marks)

QUESTION 4

- (a) You are given a one (1) hectare plot at Manzini to establish a pig farm. State and explain what criteria you would use to buy your breeding stock. (20 Marks)
- (b) State the breed you would choose and why? (5 Marks)

QUESTION 5

Explain how diseases can be minimised through the following practices:

- (a) Poultry house hygiene (13 Marks)
- (b) Personnel and equipment hygiene (12 Marks)