



1ST SEM. 2017/2018

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

PROGRAMME: BSC. AGRICULTURAL EDUCATION IV
BSC. ANIMAL SCIENCE IV

COURSE CODE: AS 408

TITLE OF PAPER: POULTRY 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

Discuss the embryonic development of a chick until hatching.

(25 marks)

Question 2

Discuss the digestion of laying mash by a domestic fowl.

(25 marks)

Question 3

a) Mr. Dlamini keeps 100 layers in a deep litter. He now realises a reduction in laying percentage, but does not know how to identify the pullets that are not laying so that he could cull them.

Advise him on how he could identify those that are not laying.

(14 marks)

b) Discuss the three different laying phases of a pullet.

(11 marks)

Question 4

Describe the following poultry diseases including symptoms, treatment and control:

a) Avian Influenza

b) Newcastle disease

(25 marks)

Question 5

Mrs Dlamini wants to venture into a broiler production business and has already constructed the poultry house and bought the equipment, after receiving advice from her extension officer. She placed an order with National Chicks Hatchery for day old chicks and these are due for delivery on December 14. Please advise Mrs Dlamini on how she should prepare for the arrival of the day old chicks and how she should manage them during the brooding period.

(25 marks)