



1ST SEM. 2010/2011

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE: APH 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

Mrs Simelane bought an incubator from Dehaza to hatch her eggs. Discuss how she should manage her eggs during incubation until hatching.

(25 marks)

Question 2

Describe some antinutritive factors found in poultry feed and how these could be alleviated.

25 marks)

Question 3

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

- a) Fowl pox (12 marks)
- b) Newcastle disease (13 marks)

Question 4

What causes the following in chickens?

- a) Double yolk eggs (2 marks)
- b) Yolkless eggs (3 marks)
- c) Pale yolks (2 marks)
- d) Blood stains (3 marks)
- e) Broken or eaten eggs (5 marks)
- f) Small sized eggs (3 marks)
- g) Poor shells (7 marks)

Question 5

As a hatchery manager at National chicks, you observe a drastic drop in percentage fertility in the recent batch of eggs from 85% to 45%. This is a huge blow to the company. Discuss how you would go about determining the root cause of the problem.

(25 marks)