

1ST SEM. 2011/2012

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME:

BSC. IN AGRICULTURAL EDUCATION IV

BSC. IN ANIMAL SCIENCE IV

COURSE CODE:

APH/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

By the time a fertile egg is laid, it would have reached the gastrula stage of development. Discuss the developmental changes that occur during incubation until the chick hatches on day 21.

(25 marks)

Question 2

Describe seven antinutritive factors found in poultry feed and how these could be alleviated. (25 marks)

Question 3

What causes the following?

a) Broken or eaten eggs	(5 marks)
b) Yolkless eggs	(3 marks)
c) Small number of eggs	(5 marks)
d) Small sized eggs	(5 marks)
e) Poor eaa shell	(7 marks)

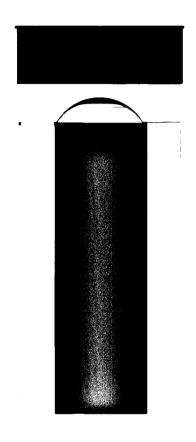
Question 4

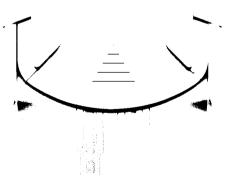
Describe the different systems of managing poultry. (25 marks)

Question 5

a)	Draw a labelled diagram of an egg.	(10 marks)
b)	Discuss the components of an egg that help	

protect the inner contents of an egg from bacterial attack. (15 marks)





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