



2nd SEM. 2017/2018

Page 1 of 2

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY/RE-SIT EXAMINATION PAPER

PROGRAMME: BSC. AGRICULTURAL EDUCATION II
BSC. AGRICULTURAL EXTENSION II
BSC. ANIMAL SCIENCE II

COURSE CODE: ASC 202

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

Mr. Dlamini has been keeping few indigenous chickens to supplement his family with meat. This year he discovered that indigenous chickens are on high demand and he got himself a tender to supply the local supermarket with indigenous chicken meat. In order to produce at a commercial scale, he then bought an incubator so that he can incubate many eggs at once. As a poultry specialist, please advise Mr. Dlamini how he should manage his eggs during incubation until they hatch.

(25 marks)

Question 2

Discuss the handling of fresh eggs.

(25 marks)

Question 3

- a) Draw a labeled diagram of a hen egg.
- b) Discuss how egg contents are protected from bacterial attack.

(10 marks)

(15 marks)

Question 4

What causes the following in chickens?

- a) Cock laying eggs
- b) Yolkless eggs
- c) Blood stains on eggs
- d) Meat spots
- e) Broken or eaten eggs
- f) Small size eggs
- g) Poor shells

(2 marks)

(3 marks)

(2 marks)

(3 marks)

(5 marks)

(3 marks)

(7 marks)

Question 5

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

(25 marks)