



UNIVERSITY OF SWAZILAND

1st SEM. 2015/2016

FINAL EXAMINATION PAPER

PROGRAMME: B.Sc. ANIMAL SCIENCE YEAR 4 AND B.Sc. AGRIC. EDUCATION YEAR 4

COURSE CODE: AS 407

TITLE OF PAPER: PIG AND RABBIT PRODUCTION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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QUESTION 1

Discuss global production and consumption patterns of pig meat and the contribution of pigs towards world meat production. Also, illustrate the contribution of developing countries in terms of global meat production from pigs relative to other species in the period from early 1960s up to the first decade of the 21st century.

(25 Marks)

QUESTION 2

COMPARE AND CONTRAST the British Saddleback pig with the Hampshire pig. In terms of their characteristics of economic importance, which between the two breeds would you chose to raise under Swaziland's conditions?

(25 Marks)

QUESTION 3

Illustratively discuss energy partitioning of feed in the pig.

(25 Marks)

QUESTION 4

Discuss coprophagy (cecotrophy) and how the form and composition of faeces affect this phenomenon in rabbits.

(25 Marks)

QUESTION 5

Discuss inbreeding, outcrossing and crossbreeding in rabbit production and explain how the **THREE** breeding systems differ from one another.

(25 Marks)