



UNIVERSITY OF SWAZILAND

1st SEM. 2015/2016

SUPPLEMENTARY 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

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY
THE CHIEF INVIGILATOR**

QUESTION 1

Discuss the Large White and Landrace pig breeds and their suitability for rearing under Swaziland conditions. (25 Marks)

QUESTION 2

Illustratively discuss the comparative digestive system of a pig and rabbit and further explain how the anatomy of their respective digestive systems influences the capacity of these animals to digest and utilize fibrous feeds. (25 Marks)

QUESTION 3

Discuss energy sources for pigs, their effects on animal performance, their nutritional deficiencies and other dietary supplements commonly used when these energy sources are the basal ingredients in pig diets. (25 Marks)

QUESTION 4

Discuss the phenomenon of early weaning in piglets, its benefits and perturbations, as well as measures employed to counter its deleterious effects. (25 Marks)

QUESTION 5

Discuss the benefits of rabbit production to a developing country such as Swaziland. (25 Marks)