



**1<sup>ST</sup> SEM.2014/2015**

**UNIVERSITY OF SWAZILAND  
SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME: B.Sc. AGRICULTURAL EDUCATION YEAR 4, ANIMAL  
SCIENCE YEAR 4**

**COURSE CODE: AS 407**

**TITLE OF PAPER: PIG AND RABBIT PRODUCTION**

**TIME ALLOWED: TWO (2) HOURS**

**INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS**

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

**QUESTION 1**

- a) Discuss pregnancy, parturition and maternal care in rabbits. (20 Marks)
- b) Identify and discuss one factor that can prevent conception in rabbits. (5 Marks)

**QUESTION 2**

- a) Describe consideration(s) that must be taken before the construction of a rabbitry. (12 Marks)
- b) Describe the factors that determine a pig's requirement for energy. (9 Marks)
- c) If rabbits digest fiber so poorly, how do they make efficient use of fibrous feeds? (4 Marks)

**QUESTION 3**

- a) List and explain three major rabbit diseases (15 Marks)
- b) Discuss five conditions under which raising of pigs in confinement is justifiable. (10 Marks)

**QUESTION 4**

- a) Write short notes on the following:
- i. Feeding the different classes of pigs, from weaning onwards (5 Marks)
  - ii. Pneumonia in pigs and rabbits (8 Marks)
  - iii. Record keeping for boars (4 Marks)
- b) List the points that need to be considered when selecting the sows to be kept for breeding. (8 Marks)

**QUESTION 5**

Discuss the following about embryo mortality in pigs: (25 Marks)

- I. The critical time with the possible reasons for mortality
- II. Factors that are associated with mortality