UNIVERSITY OF SWAZILAND

SUPPLEMENTARY/SPECIAL EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN ANIMAL
SCIENCE YEAR 1

BACHELOR OF SCIENCE IN ANIMAL
SCIENCE YEAR 2

COURSE CODE: ASC 102/AS 203

TITLE OF PAPER: INTRODUCTION TO ANIMAL SCIENCE

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 using examples the difference between traditional and modern livestock production systems. In addition, explain the causes for the differences in productivity between the **Two** systems.

(25 Marks)

QUESTION 2

a) Describe the 3 types of livestock slaughter facilities found in Swaziland and how they are different from one another.
(9 Marks)

b) Discuss the steps in slaughtering and dressing of cattle in an abattoir. **(16 Marks)**

QUESTION 3

Imagine that you are a livestock officer and you have been asked to give a talk on 'Benefits and disadvantages of a Pig Confinement System Versus a Pig Conventional Pasture System'. Give a detailed account of your talk comparing the systems.
(25 Marks)

QUESTION 4

The rural community in Swaziland is heavily reliant upon livestock production for their cash needs. Describe critically the marketing channels used by farmers to sell their beef cattle in order to sustain their families.
(25 Marks)

QUESTION 5

Describe the main characteristics of the high investment confinement system including the specialised buildings and equipment required to produce pigs. In addition, highlight the advantages and disadvantages of the above system. **(25 Marks)**