



UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

2nd SEM. 2017/2018

PROGRAMME:

**BACHELOR OF SCIENCE IN
ANIMAL SCIENCE YEAR I**

COURSE CODE:

ASC 102

TITLE OF PAPER: INTRODUCTION TO ANIMAL SCIENCE

TIME ALLOWED:

TWO (2) HOURS

INSTRUCTIONS:

ANSWER ANY FOUR (4) QUESTIONS

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CHIEF INVIGILATOR**

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QUESTION 1

One of the major constraints facing livestock production on Swazi Nation Land (SNL) is lack of feed resources caused by overgrazing. Discuss how the Ministry of Agriculture is trying to solve this problem.

(25 Marks)

QUESTION 2

Describe the tropical environment and how it directly and indirectly affects livestock production.

(25 Marks)

QUESTION 3

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

(25 Marks)

QUESTION 4

- a) Discuss the three types of slaughter facilities found in Swaziland including how they are different from one another.

(9

Marks)

- b) Describe the inspection that is done on the day of slaughter including grading of carcasses after slaughter.

(16 Marks)

QUESTION 5

Discuss the traits and standards that are critical in selecting replacement gilts and boars for improved productivity in a piggery.

(25 Marks)