



UNIVERSITY OF SWAZILAND
RE-SIT EXAMINATION PAPER

2nd SEM. 2016/2017

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

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

QUESTION 1

Discuss the productivity indicators that are considered when comparing beef cattle production under communal grazing system versus private ranches. Explain the factors that are responsible for the difference in productivity between the two systems. (25 Marks)

QUESTION 2

Describe the tropical environment and how it directly and indirectly affects livestock production. (25 Marks)

QUESTION 3

- a) Highlight the general characteristics of a dairy enterprise (10 Marks)
- b) Describe the physical and production characteristics of the common dairy breeds found in Swaziland. (15 Marks)

QUESTION 4

Suppose there is a Career Day at a local high school and one has been invited to speak about Animal Science. Write your speech under the following subtopics:
What is animal science? Career opportunities available in animal science, employers and job titles in animal science. (25 Marks)

QUESTION 5

- a) Describe the benefits of early weaning in pig production. (15 Marks)
- b) Briefly describe the importance of crossbreeding in pig production. (10 Marks)