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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

2ND SEM. 2012/2013

**PROGRAMME: BACHELOR OF SCIENCE IN
ANIMAL SCIENCE YEAR II**

COURSE CODE: 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 the importance of breeding soundness examination of bulls prior to the breeding season and the steps involved in this exercise. (25 marks)

QUESTION 2

Discuss the benefits of crossbreeding and inbreeding in livestock production.

(25 marks)

QUESTION 3

Suppose there is a Career Day at a local High School and you have been invited to speak about Animal Science.

Write your speech under the following subtopics:

What is Animal Science? What Career opportunities are available in animal Science ? Types of employers and job titles in Animal Science.

(25 marks)

QUESTION 4

'Domestication of farm animals was very important for the development and civilization of mankind'. Do you agree or not agree with the above statement. Justify your answer.

(25 marks)

QUESTION 5

a) Why is feed preparation and processing important in livestock production ?

(10 marks)

b) Discuss the following grain processing methods: grinding, pelleting, and popping.

(15 marks)