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**UNIVERSITY OF SWAZILAND  
FINAL EXAMINATION PAPER**

**2<sup>nd</sup> SEM. 2016/2017**

**PROGRAMME: BACHELOR OF SCIENCE IN ANIMAL SCIENCE  
YEAR 1 AND YEAR 2**

**COURSE CODE: ASC102/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**

The beef industry has several segments that perform different functions. Discuss these segments including their traits of economic importance. (25 Marks)

**QUESTION 2**

Condition scoring of beef breeding cows is an important tool in maintaining a 365-day calving interval. Describe condition scoring, its importance and how it is used in evaluating breeding cows. (25 Marks)

**QUESTION 3**

Describe the two basic systems of pig production and highlight the factors favourable to each production system. (25 Marks)

**QUESTION 4**

Discuss the facilities and equipment that are expected in a beef cattle ranch including what the facilities are used for and where they are located in the ranch. (25 Marks)

**QUESTION 5**

Discuss the pig management techniques that are routinely performed in a piggery including their significance in pig production. (25 Marks)