



**1<sup>ST</sup> SEM. 2008/2009**

**Page 1 of 2**

**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME: BSC. IN ANIMAL SCIENCE YEAR 4**

**COURSE CODE:       APH 406**

**TITLE OF PAPER:   GOAT AND SHEEP PRODUCTION**

**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 techniques one could use to induce oestrus and ovulation in sheep and goats.

**(25 marks)**

**Question 2**

Discuss condition scoring in sheep, when is it done and why?

**(25 marks)**

**Question 3**

a) Define annual reproductive rate in sheep and goats.

**(5 marks)**

b) Describe the factors that influence annual reproductive rate in sheep and goats

**(20 marks)**

**Question 4**

Discuss the following sheep and goat diseases:

a) Navel illness

**(6 marks)**

b) Joint illness

**(9 marks)**

c) Pulpy kidney

**(10 marks)**

**Question 5**

Mr. Dlamini approaches you for advice on how he should manage his sheep flock before mating. Please advise.

**(25 marks)**