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UNIVERSITY OF SWAZILAND

2<sup>nd</sup> SEM. 2013/2014

FINAL EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN ANIMAL SCIENCE YEAR 4

COURSE CODE: AS 405

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**

A farmer would like to consider going into sheep production and has come to you to find out about the products derived from sheep, the economic importance of each of these products, and the economic advantages and disadvantages of sheep as farm animals. Relate how you would tell her/him. (25 Marks)

**QUESTION 2**

- a. Explain the meaning of the statement 'goats are poly-oestrous seasonal breeders' and then give an account of the factors that influence the length of the breeding season among goats. (10 Marks)
- b. Describe how body condition scoring and flushing are carried out in the management of breeding does and then indicate the importance of each of these practices in goat breeding management. (15 Marks)

**QUESTION 3**

Describe how rams for breeding are selected and managed on a commercial Sheep farm. (25 Marks)

**QUESTION 4**

Discuss the criteria for culling does from a breeding programme and on how replacement does are selected. (25 Marks)

**QUESTION 5**

Indicate the advantage (s) of cross breeding among goats and support the claim that 'Boer Goats are one of the best breeds in carrying out cross-breeding programme for goat meat.' (25 Marks)