



UNIVERSITY OF SWAZILAND

2nd SEM. 2015/2016

FINAL EXAMINATION PAPER

PROGRAMME: B. Sc. 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

The indigenous Nguni sheep found in Swaziland are a resource with great potential for economic development of the country. However, this breed remains largely unexploited especially by small-scale farmers on Swazi National Land. Describe this breed, including its advantages and disadvantages, and how you think it could be exploited to help improve the economic standing of Swaziland's small-scale farming sector.

(25 Marks)

QUESTION 2

A small-scale farmer from Ntondozi area of Swaziland seeks your advice as Livestock Advisor in the Ministry of Agriculture. He is interested in rearing the Boer and Savanna goat breeds for commercial purposes. Based on your scientific knowledge of the two breeds, provide advice with justification to the farmer.

(25 Marks)

QUESTION 3

In Swaziland the goat is mainly kept for meat and cultural purposes. Discuss the importance of this livestock species beyond meat and culture, including the desirable attributes of its other products.

(25 Marks)

QUESTION 4

Discuss the importance of sheep rearing by humankind.

(25 Marks)

QUESTION 5

Discuss the criteria used for the selection of a ram and an ewe for breeding purposes.

(25 Marks)