



UNIVERSITY OF SWAZILAND

2nd SEM. 2016/2017

SUPPLEMENTARY 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

Discuss the attributes of goats and sheep that make these livestock species preferable to rear by farmers in tropical countries.

(25 Marks)

QUESTION 2

Discuss the management systems used in goat production.

(25 Marks)

QUESTION 3

(a) Discuss artificial rearing of lambs and the various activities that must be executed as part of management of such lambs.

(10 Marks)

(b) Discuss the various activities that must be executed as part of lamb management from birth to market.

(15 Marks)

QUESTION 4

(a) Mr. Masalemphini Dlamini, a small-scale farmer from Lavumisa is interested in rearing the Saanen goat for commercial purposes. **Describe** the breed and advise him as to why you think this breed is appropriate or not appropriate for the conditions of his environment

(10 Marks)

(b) Discuss the factors that determine the length of the breeding season in goats

(15 Marks)

QUESTION 5

Discuss ewe management during lambing.

(25 Marks)