

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ANIMAL HEALTH AND PRODUCTION

ANSC 453: SHEEP PRODUCTION

STREAMS: BS.c (ANSC) Y4S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 5/12/2018

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer ALL Questions in Section A and any TWO Questions in Section B

SECTION A: ANSWER ALL QUESTIONS [30 MARKS]

1. (a) Fill the following for the sheep. [3 Marks]
 - (i) Sub-family: _____
 - (ii) Genus: _____
 - (iii) Species: _____
- (b) Why is petting rams discouraged? [2 Marks]
- (c) Explain the unique physiology and metabolism of sheep that enables them use some feeds. [4 Marks]
- (d) List three advantages and three disadvantages of sheep farming. [6 Marks]
- (e) Explain the importance of cloning in animal breeding. [4 Marks]
- (f) What are the requirements of a sheep handling unit? [5 Marks]
- (g) Name 3 common infectious diseases in sheep, their mode of transmission and prevention. [6 Marks]

SECTION B: ANSWER ANY TWO QUESTIONS [40 MARKS]

2. Discuss the intensive farming system in sheep production. [20 Marks]
3. Explain tuppung as a breeding management practice in sheep. [20 Marks]
4. Discuss these four breeding option; [20 Marks]

- (i) Grading up
 - (ii) Cross breeding
 - (iii) Corrective breeding
 - (iv) New breed formation
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