

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
ANIMAL SCIENCE**

ANSC 453: SHEEP PRODUCTION

STREAMS: BSC ANSC Y4S1

TIME: 2 HOURS

DAY/DATE: FRIDAY 06/12/2019

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer ALL questions in section A and any two in B**

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. (a) Define the following (4 marks)
- (i) Spayed
 - (ii) Selection
 - (iii) Flushing
 - (iv) Prolificacy
- (b) How is wool graded? (2 marks)
- (c) Which are the physical five characteristics of the Romney marsh. (5 marks)
- (d) List factors that influence genetic improvement in sheep? (4 marks)
- (e) State the importance housing in sheep. (5 marks)
- (f) What is the importance of steaming during sheep breeding? (4 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. Explain the grazing management of sheep. (20 marks)
 3. Discuss the routine management practices during flushing and tugging. (20 marks)
 4. Discuss these four breeding options. (20 marks)
 - (i) Grading up
 - (ii) Cross breeding
 - (iii) Corrective breeding
 - (iv) New breed formation
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