

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF SCIENCE IN
AGRICULTURAL EDUCATION**

ANSC 824: LIVESTOCK FEEDS AND TECHNOLOGY

STREAMS: M.SC AGED

TIME: 3 HOURS

DAY/DATE: FRIDAY 06/12/2019

2.30 P.M. – 5.30 P.M.

INSTRUCTIONS:

- **Answer ALL questions in section A and any TWO in section B.**

SECTION A: ANSWER ALL QUESTIONS

1. State the factors considered in ration formation. (8 marks)
2. How can you formulate a 20% CP diet from soybean meal 46% and maize 7% crude protein? (2 marks)
3. Outline any 3 factors that determine the nutritional value of a feed stuff. (6 marks)
4. What are the sources and the function of the following minerals: Calcium, phosphorous, iodine, iron? (4 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

5. Discuss the handling, transportation and storage of feed ingredients. (20 marks)
 6. Write on the different feed mixing machines showing their mode of action, advantage and disadvantages. (20 marks)
 7. How are feed products evaluated? (20 marks)
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