

CHUKA UNIVERSITY
EXAMINATION BACHELOR OF ANIMAL SCIENCE
ANSC 332: FEEDS AND FEEDING

Time 2 hours

Instruction: Answer all question in Section A and Any two in B

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. A) Differentiate between roughages and concentrate feeds. (6 marks)
- B) Give two reasons for conserving forages. (4 marks)
- C) Describe the factors considered while formulating diet. (8 marks)
- D) List 2 sources of mineral elements used in feed supplement for animals. (2 marks)
- E) Describe two processes of milling grains. (4marks)
- F) Which are the three most limiting amino acids in poultry diet. (3 marks)
- G) Give 3 reasons for processing feedstuff. (3 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

2. Write short notes on the following:
 - i) Feed additives giving their major classes. (10 marks)
 - ii) Antinutritive factors. (10 marks)
3. How is feed quality measured? (20 marks)
4. Discuss the protein feeding standards for growth in poultry and wool production in sheep. (20 marks)