

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE

ANSC 359: PRINCIPLES OF ANIMAL PRODUCTION

STREAMS: BSC NARE Y3S2 & AGED (ODEL)

TIME: 2 HOURS

DAY/DATE: MONDAY 08/04/2024

8.30 A.M – 10. 30 A.M.

INSTRUCTIONS:

- Answer ALL questions in SECTION A and any TWO in SECTION B.

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Explain the challenges facing the livestock sector in Kenyans. (5 marks)
2. State the functions of the following parts of the digestive tract (4 marks)
Oesophagus; Rumen; Ileum; Colon
3. Using relevant examples, differentiate between inbreeding and out breeding. (4 marks)
4. Outline the factors considered while constructing a house for poultry under intensive system. (4 marks)
5. Show causes of variations in water requirements of mammals. (4 marks)
6. Explain the marketing of fresh milk in Kenya. (4 marks)
7. What features should be avoided while selecting a bird for slaughter. (5 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

8. (a) Explain importance of species hybridization and progeny testing animals in animal breeding. (10 marks)
- (b) Compare digestion in poultry with rabbits highlighting their unique features. (10 marks)

9. Describe the poultry slaughtering and dressing processes. (20 marks)
10. Explain the animal health challenges faced by farmers and what measures can be taken for disease control and prevention. (20 marks)
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