

CHUKA



UNIVERSITY

RESIT/ SPECIAL EXAMINATIONS

**EXAMINATION FOR THE AWARD OF
BACHELOR OF SCIENCE IN NATURAL RESOURCES MANAGEMENT**

ANSC 359: PRINCIPLES OF ANIMAL PRODUCTION

STREAMS: BSC (NARE)

TIME: 2 HOURS

DAY/DATE: TUESDAY 24/07/2018

11.30 AM – 1.30 PM

INSTRUCTIONS:

Answer All Questions in Section A and any Two in B

1. (a) What is the importance of livestock in Kenya? [2 marks]
- (b) State the problems facing livestock sector in Kenya. [6 marks]
- (c) Using relevant examples explain the factors considered while constructing livestock housing. [4 marks]
- (d) State the importance of the following procedures: [6 marks]
Aging beef;
Meat curing;
Scalding;
Singeing
Candling an egg;
Photophatase test:
- (e) State using examples the main classification of feedstuff and nutrients. [5 marks]
- (f) What are the routes of gaining and losing water from the body? [4 marks]
- (g) Based on mode of transmission state three classes of diseases. [3 marks]

Section B: Answer any Two Questions (40 Marks)

2. Discuss the digestive tract of ruminants and birds. [20 marks]
3. (a) Discuss the following systems of breeding showing advantages and weakness of each system: in-breeding and out-breeding. [10 marks]
4. (a) Discuss the problems facing the livestock sector in Kenya. [10 marks]
- (b) Explain wool and hair grading after harvesting. [10 marks]
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