

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF SCIENCE (ANIMAL SCIENCE)

ANSC 359: PRINCIPLES OF ANIMAL PRODUCTION

STREAMS: BSC (ANSC)

TIME: 2 HOURS

DAY/DATE: TUESDAY 05/12/2017

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. (a) Define the following [2 marks]
 - (i) Aging beef
 - (ii) Photophatase test
- (b) What is the importance of livestock products to Kenyans? [5 marks]
- (c) What could be the impact of feeding livestock diets that do not have sufficient mineral content? [5 marks]
- (d) List the advantages and disadvantages of outbreeding. [5 marks]
- (e) List the steps involved in meat processing. [8 marks]
- (f) Show how the problems facing livestock sector may be minimized. [5 marks]

SECTION B: ANSWER ANYTWO QUESTIONS (40 MARKS)

2. Compare the digestive system of poultry with cattle. [20 marks]
3. Explain the animal health challenges faced by farmers and what measures can be taken for disease control and prevention. [20 marks]
4. Discuss the main factors considered when constructing livestock houses. [20 marks]