

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN AGRICULTURE AND RURAL DEVELOPMENT

ANSC 0111: INTRODUCTION TO ANIMAL SCIENCE

STREAMS: Y1S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/12/2019

8.30 A.M – 10.30 A.M

INSTRUCTIONS

Answer all questions in section A and two in section B

SECTION A(30 MARKS)

1. Define the following terms;
 - (a) Animal science [2 marks]
 - (b) Animal production [2 marks]
 - (c) Disease [2 marks]
 - (d) Animal nutrition [2 marks]
 - (e) Animal breeding [2 marks]
2. Give the various ways in which manure generated by livestock can be utilized on a farm. [5 marks]
3. Give three ways in which animal power can be utilized on a farm. [3 marks]
4. Name three ways in which livestock production results to human diseases. [3 marks]
5. Give three species of animal classified as poultry. [3 marks]
6. Name three benefits of the apiculture industry. [3 marks]
7. Explain three challenges facing rabbit farming in Kenya. [3 marks]

SECTION B (40 MARKS)

8. (a) Mr. Amos is a farmer from Rift Valley who practices both crop and livestock farming on his piece of land. Explain the benefits that he enjoys from this integration.

[10

marks]

(b) Illustrate the benefits of livestock agriculture to the economy of Kenya. [10 marks]

9. (a) Dairy cows are the main source of raw milk consumed by Kenyan households.

Explain five reasons why raw milk consumption is popular. [10 marks]

(b) Describe five factors that a farmer should consider in choosing a production system to use for livestock production. [10 marks]
