

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

ANSC 0250: RUMINANT PRODUCTION SYSTEMS

STREAMS: DIP ANSC

DAY/DATE: THURSDAY 07/08/2025

TIME: 2 HOURS

8.30A.M. –10.30 A.M

Answer ALL QUESTIONS in section A & TWO in section B

Section A (30 marks)

QUESTION 1

- a) Write down the scientific name and examples of domestic goats, sheep, and cattle (5 marks)
- b) Highlight the advantages of the grade animals over pure breeds (5 marks)

QUESTION 2

- a) With the aid of suitable examples, give the reasons why dairy cattle is important in our country (5 marks)
- b) State the importance of raising own replacement heifers on a dairy farm (5 marks)

QUESTION 3

- a) Give the advantages of shoat farming (5 marks)
- b) Highlight the effects of frequent drought outbreaks in the marginal areas of our country (5 marks)

SECTION B (40 MARKS)

QUESTION 4

- a) Suggest five possible solutions to the problems facing shoat farmers in our country (10 marks)

- b) Explain five desirable physical characteristics of a good dairy cow (10 marks)

QUESTION 5

- a) Explain five problems facing the beef cattle sector in our country (10 marks)
b) Discuss the problems facing ranchers in kenya (10 marks)

QUESTION 6

- a) Using suitable examples, explain the reasons for processing ruminant products and byproducts (10 marks)
b) Discuss five disease preventive measures that can be put down in a sheep farm (10 marks)
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