



UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE SECOND SEMESTER 2024/2025 [JANUARY – APRIL, 2025]

ANSC 456: CAMEL PRODUCTION

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 12:00 - 2:00 P.M.

DATE: 16/04/2025

INSTRUCTIONS:

- 1. Do not write anything on this question paper.**
- 2. Answer ALL questions in section A and any TWO questions in section B.**

SECTION A: (30 MARKS)

- Q1. Explain the following in relation to camel production
- i. Traits of economic importance (2 marks)
 - ii. Rutting in camels (2 marks)
 - iii. Characteristics of good breeding camel bull (2 marks)
 - iv. Dilution of milk by camels (2 marks)
- Q2. Describe camel fostering among camel calves (2 marks)
- Q3. Citing examples, write short notes on the following
- i. Camel milk value chain (4 marks)
 - ii. Socio-cultural contributions of the camel (4 marks)
 - iii. Technological advances in genetic improvement (4 marks)
 - iv. Parasitic diseases of economic importance (4 marks)
 - v. Supportive treatment in camel production (4 marks)

SECTION B: (40 MARKS)

- Q5. Discuss adaptations of the camels towards Arid and Semi-Arid Lands (20 marks)
- Q6. Discuss the factors supporting optimal camel production and marketing in Kenya (20 marks)
- Q7. Discuss the Somali breed of camel under the following sub-headings
- i. Characteristics (5 marks)
 - ii. Feed and nutrient requirements (5 marks)
 - iii. Advantages and disadvantages (10 marks)