

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
ANIMAL SCIENCE**

ANSC 456: CAMEL PRODUCTION

STREAMS:

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 18/04/2018

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer all questions in section A and any two in section B

SECTION A (30 MARKS)

- Briefly discuss the suitability of camels in the ASAL areas of Kenya as the livestock of interest. (6 marks)
 - Describe six physical features of a Bactrian camel (3 marks)
 - What is rete mirabile? (1 mark)
- Briefly explain water requirements in camels. (5 marks)
 - What causes sub-optimal use of camel hides? (3 marks)
 - What is an abscess (2 marks)
- Outline the clinical signs of trypanosomiasis in camels. (4 marks)
 - List ways through which milk production may be increased in camels. (3 marks)
 - Briefly describe the various forms which camel milk may be consumed. (3 marks)

SECTION B (40 MARKS)

4. (a) Trace a meal of fodder trees from the time it is ingested by camel to the time it is excreted. (10 marks)
- (b) Compare the anatomical and physiological features of the GIT of camels with that of camels with that of other ruminants. (10 marks)
5. (a) Write short notes on the aetiology, transmission, clinical signs and treatment of burrowing mange in camels. (9 marks)
- (b) Describe rut in camel. (7 marks)
- (c) Describe the characteristics of a breeding bull. (4 marks)
6. (a) Which camel breeds would you advise to be reared in Rumuruti area of Laikipia county? Support your answer. (8 marks)
- (b) Explain colostrum feeding in camel calves. (5 marks)
- (c) How is diarrhea managed in camels in the pastoral areas? (5 marks)
- (d) Describe the clinical signs of brucellosis (2 marks)
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