

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
ANIMAL HEALTH AND PRODUCTION

ANSC 454: GOAT PRODUCTION

STREAMS: B.Sc ANSC

TIME: 2 HOURS

DAY/DATE: THURSDAY 7/12/2017

11.30 A.M - 1.30 P.M.

INSTRUCTIONS:

- The examination has **TWO Sections: A and B.**
- Attempt **ALL Questions in Section A and TWO Questions in SECTION B**
- Mobile phones are **NOT ALLOWED** in the examination room

SECTION A: Attempt ALL Question [30 Marks]

1. Differentiate between the East African Goat and the Galla goat breeds. [4 Marks]
2. Using a diagram, describe the female goat reproductive system. [4 Marks]
3. List four reasons for keeping goats. [2 Marks]
4. Describe any four goat diseases. [12 Marks]
5. Discuss four considerations when designing a goat house. [8 Marks]

SECTION B: Attempt Any TWO Questions. [40 Marks]

6. Kidding is an important event in goat farming as it produces goats for replacement and sale. Discuss the management of kidding under the following headings;
(a) Managing pregnant does prior to kidding
(b) Managing the kidding process
(c) Managing kids from kidding to weaning
(d) Managing weaning. [20 Marks]
7. Discuss the following management practices, stating the different procedures and their significance in goat farming;
(a) Ear marking
(b) Castration
(c) Deworming
(d) Hoof trimming [20 Marks]

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8. Nutrition plays a fundamental role in the efficiency of goat production.
- (a) Using a diagram, describe the goat digestive system.
 - (b) Discuss the role of protein in goat production and list two sources of proteins for goats.
 - (c) Discuss two minerals and their role in goat nutrition
 - (d) Discuss two vitamins and their role in goat nutrition. [20 Marks]
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