



UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE CERTIFICATE IN
ANIMAL SCIENCE AND TECHNOLOGY
SECOND SEMESTER 2024/2025
[SEPTEMBER – DECEMBER, 2024]

ANSC 00250: PASTURES & FODDER CROPS PRODUCTION &
MANAGEMENT

STREAM: Y1 S2

TIME: 2 HOURS

DAY: TUESDAY, 9:00 - 11:00 A.M.

DATE: 10/12/2024

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer question ONE in section A (Compulsory) and any other TWO questions from section B.***

1. (a) What is animal Husbandry? (2 marks)
(b) Explain the following term as used in ruminant husbandry (20 marks)
 - (i) Culling
 - (ii) Breed
 - (iii) Weaning
 - (iv) Difficult calving
 - (iv) Tup (vi) Hogget
 - (vii) Quarantine
 - (viii) Steer (ix) Pastoral system
 - (x) Breeding stock

(c) Give 4 advantages and 4 disadvantages of keeping sheep (8mks)
2. (a) discuss the good characteristics of a dairy cow (10 marks)
(b) Write notes on how you can graft a lamb to an ewe using a placental fluid

3. (a) Elaborate on the benefits of goat farming in Kenya (10 marks)
(b) Outline on the health management of sheep (10 marks)
4. Briefly explain the following statements as used in ruminant husbandry (20 marks)
- (i) Line breeding
 - (ii) Crossbreeding
 - (iii) Outcrossing
 - (iv) (iv) inbreeding
 - (v) (v) Calving
 - (vi) rate
 - (vii) Pregnancy diagnosis
 - (viii) Calf survival rate
 - (ix) Calf weaning rate
 - (x) Nomadic pastoralism
 - (xi) Artificial insemination