



UNIVERSITY EXAMINATIONS

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

**AGRO 00271: PASTURES & FODDER CROPS PRODUCTION &
MANAGEMENT**

STREAM: Y1 S2

TIME: 2 HOURS

DAY: MONDAY, 3:00 - 5:00 P.M.

DATE: 09/12/2024

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.***

SECTION A:(40 MARKS)

1. Discuss five methods of weed control in pasture and fodder crops management (10 marks)
2. a) Top dressing is one of the methods in pastures and fodder crops management, give five reasons for top dressing pastures (5 marks)
b) State five advantages of rotational grazing (5 marks)
- 3.a) Explain the term fodder crops and give two examples. (4 marks)
b) State steps followed in hay making (6 marks)
- 4.a) State five factors that determine quality hay. (5 marks)
b) State five methods of weed control (3 marks)

SECTION B: (30 MARKS)

5. Discuss agroforestry trees/bushes which are used as fodder crops based on the following:
 - a) Ecological requirements (3 marks)
 - b) Establishment and management (3 marks)
 - c) Utilization (3 marks)
 - d) State other benefits of agroforestry trees
 - e) State two examples of agroforestry trees

6. a) State six effects of late defoliation
- b) What do you understand by the term zero grazing
- c) What are the six advantages of zero grazing

7. a) State five reasons for forage conservation
- b) Explain four disadvantages for zero grazing
- c) Explain the meaning of forage seeds inoculation

(1mark)