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University Examinations 2024/2025

FIRST YEAR FIRST SEMESTER EXAMINATION FOR CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

AAP 1103: PASTURE AND FODDER PRODUCTION

DATE: JANUARY 2025   **TIME: 1^1/$_2$ HOURS**

INSTRUCTIONS:
Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

a) Define the following terms: pasture and leys   (4 Marks)

b) List five agro- ecological zones in Kenya where pasture is grown   (5 Marks)

c) Identify three sowing methods used in establishment of grassy pasture   (3 Marks)

d) Give four examples of legumes pastures common grown in Kenya   (4 Marks)

e) What is hay making process?   (3 Marks)

f) Identify four problems associated with hay making process   (4 Marks)

g) Identify one grassy pasture, its scientific name and its ecological requirement   (5 Marks)

h) Name two common methods of silage making   (2 Marks)

QUESTION TWO (15 MARKS)

a) Discuss five qualities considered when selecting pasture   (10 Marks)

b) Identify five methods of pasture establishment   (5 Marks)

QUESTION THREE (15 MARKS)

a) Describe five ways in which pasture is used in soil conservation, soil fertility, disease and pest control. (10 Marks)

b) Highlight five ways for improvement of natural pasture (5 Marks)

QUESTION FOUR (15 MARKS)

a) Describe four main grazing methods used in Kenya (8 Marks)

b) Discuss main benefits of agroforestry (7 Marks)