



UNIVERSITY EXAMINATIONS

**FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN ANIMAL SCIENCE AND PRODUCTION
SECOND SEMESTER 2024/2025
[JANUARY – APRIL, 2025]**

ANSC 464: EQUINE MANAGEMENT

STREAM: Y4 S2

TIME: 2 HOURS

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

DATE: 22/04/2025

INSTRUCTIONS:

1. Do not write anything on this question paper.

2. Answer ALL questions in section A and any TWO in section B.

SECTION A: (30 MARKS)

1. a) Identify the prerequisites for successful adoption of hoof care system in horses. (3 Marks)
- b) Name three donkey breeds kept in Kenya. (3 Marks)
- c) Explain the presence of many donkeys compared to horses in Kenya and their differences. (5 Marks)
- d) Suggest ways of improving donkey sizes and their productivity. (5 Marks)
2. a) Briefly explain the stages of parturition in a mare. (4 Marks)
- b) Explain the characteristics of a good harness in equine management. (5 Marks)
- c) State how reproductive performance among donkeys can be improved. (3 Marks)
- d) List the signs exhibited by a mare on heat. (2 Marks)

SECTION B (40 MARKS)

2. a) Discuss giving relevant examples of animal, plant and environmental factors that influence intake of feed among equines of various classes. (10 Marks)

b) The donkey is a 'Poor Man's car' discuss this statement briefly. (10 Marks)

3. Outline routine practices commonly carried out in equine management indicating their importance. (20 Marks)

4. Discuss types of equine housing systems indicating how these systems can be improved to minimize health challenges. (20 Marks)