



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN

ANIMAL HEALTH & PRODUCTION

SECOND SEMESTER, 2023/2024

(MAY - AUGUST, 2024)

REPRODUCTIVE DISEASE ANHE 00323: ANIMAL METABOLIC,
NUTRITIONAL AND

STREAM: Y2 S2

TIME: 2 HOURS

DAY: TUESDAY, 3:00 – 5: 00 P.M

DATE: 23/07/2023

INSTRUCTIONS:

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

SECTION A- 40 MARKS

QUESTION ONE

Discuss sodium and chloride (salt) deficiency based on

- | | |
|---------------------------|----------|
| a. Aetiology | (1mark) |
| b. Clinical signs | (2marks) |
| c. Prevention and control | (2marks) |

QUESTION TWO

Discuss Vitamin D deficiency based on

- | | |
|---------------------------|-----------|
| a. Aetiology | (1 marks) |
| b. Clinical signs | (2marks) |
| c. Prevention and control | (2marks) |

QUESTION THREE

Discuss prevention and control measures for mild fever (10 marks)

QUESTION FOUR

Disowner cow syndrome can be classified into primary and secondary recumbency: discuss the causes of both primary and secondary recumbency. (10 marks)

SECTION B - ANSWER ANY TWO QUESTIONS ONLY 30 MARKS

QUESTION ONE

Discuss ketosis based on;

- a) Aetiology (3marks)
- b) Clinical signs (5marks)
- c) Diagnosis (2marks)
- d) Control and prevention (5marks)

QUESTION TWO

Discuss Hypomagnesium based on;

- a. Aetiology (3marks)
- b. Clinical signs (5marks)
- c. Diagnosis (3marks)
- d. Treatment and prevention (4marks)

QUESTION THREE

Discuss pregnancy toxemia of ewes and does based on; [15 marks]

- a. Aetiology
- b. Clinical signs
- c. Diagnosis
- d. Treatment and prevention