



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURE
SECOND SEMESTER, 2023/2024
(JANUARY-APRIL, 2024)

ANHE 426/427: INTRODUCTION TO ANIMAL DISEASES

STREAM: Y4 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 12:00 – 2:00 P.M.

DATE: 24/04/2024

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. Name at least five important clinical signs of East Coast Fever in cattle.
(5 Marks)
2. Define the diseases anthrax and Blackquater diseases and briefly describe their aetiologies.
(5 marks)
3. Define Foot and Mouth Disease in cattle and Name FOUR major strains of Foot and Mouth virus.
(5 marks)
4. Name the aetiology five clinical signs of Lumpy skin disease.
(5 marks)
5. Describe three factors that interact and determine whether an animal will be healthy or sick.
(5 marks)
6. The clinical course of the disease Rabies especially in dogs is divided three phases name them and describe the main transmission method.
(5 marks)

SECTION B(Answer any four questions)

1. Discuss the types and causes of infertility in domestic animals.
(20marks)

2. Mastitis is mentioned as the major cause of low profitability in dairy enterprises in high potential areas. Describe the different forms of mastitis indicating their etiology, mode of transmission, diagnosis, treatment and control. (20 marks)

3. Discuss the causes, clinical signs and the importance of the following diseases

- a. East coast fever
- b. Anaplasmosis
- c. Babesiosis (20 marks)

4. Discuss the general causes of a diseases and the various manifestations of a disease process. (20marks)