



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF THE CERTIFICATE IN ANIMAL HEALTH

FIRST SEMESTER 2023/2024

[JULY, 2024]

ANHE 00322: BACTERIAL, VIRAL AND FUNGAL DISEASES

STREAM: Y2 S1

TIME: 2 HOURS

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

DATE: 25/07/2024

INSTRUCTIONS

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

SECTION A

1. State the pathogenesis of the following diseases.
 - a) Newcastle disease (2 marks)
 - b) Actinobacillosis (2 marks)
 - c) African swine fever (2 marks)
 - d) Lumpy skin disease (2 marks)
 - e) Egg drop syndrome (2 marks)
 - f) Black quarter (2 marks)
 - g) Infectious bursal disease (2 marks)
 - h) Infectious laryngotrachitis. (2 marks)
2. a) State the pathogenesis of rabies in dogs. (3 marks)
b) State the five clinical of egg drop syndrome in poultry. (5 marks)
3. a) State the clinical signs of foot rot in bovine. (1 marks)
b) State the major clinical signs of Johne's disease in bovine. (3 marks)
c) State five clinical signs of swine erysipelas in pigs. (2 marks)
4. a) State the clinical signs of peste des petits ruminants. (5 marks)
b) State the treatment of swine dysentery. (3 marks)
c) State four main clinical signs of anthrax in bovine. (2 marks)

SECTION B

5. Discuss Bovine ephemeral fever. (15 marks)
- i) Epidemiology
 - ii) Pathogenesis
 - iii) Clinical signs
 - iv) Treatment
6. Discuss contagious rabies disease under the following headings. (15 marks)
- i) Etiology and epidemiology
 - ii) Pathogenesis
 - iii) Clinical signs
 - iv) Treatment and control
7. Discuss lumpy skin disease under the following headings. (15 marks)
- i) Etiology
 - ii) Pathogenesis
 - iii) Clinical signs
 - iv) Treatment and control