



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF THE DIPLOMA
IN ANIMAL HEALTH AND PRODUCTION
FIRST SEMESTER 2023/2024
[JULY, 2024]

ANHE 0322: BACTERIAL VIRAL AND FUNGAL DISEASES

STREAM: Y2 S1

TIME: 2 HOURS

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

DATE: 23/07/2024

INSTRUCTIONS

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

SECTION A

1. State the pathogenesis of the following diseases.
 - a) Newcastle disease (2 marks)
 - b) Sheep pox (2 marks)
 - c) Johne,s disease (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 treatment of peste des petid ruminants(PPR) in farm animals. (3 marks)
b) State the five clinical signs of egg drop syndrome in poultry. (5marks)
3. a) State the clinical signs of bovine blue tongue disease. (1 mark)
b) Give the major clinical signs of pneumonic pasteurellosis in bovine. (3 marks)
c) State five clinical signs of swine erysipelas in pigs. (2 marks)

4. a) State the pathogenesis of atrophic rhinitis disease. (5 marks)
b) Give the treatment of swine dysentery. (3 marks)
c) State four main clinical signs of lumpy skin disease in bovine. (2 marks)

SECTION B

5. Discuss infectious bronchitis disease under the following headings. (15 marks)
i) Epidemiology ii) pathogenesis iii) clinical signs iv) treatment
6. Discuss bovine actinobacillosis disease under the following headings. (15 marks)
i) Aetiology and epidemiology ii) pathogenesis iii) clinical signs iv) treatment and control
7. Discuss anthrax under the following headings. (15 marks)
i) Aetiology ii) pathogenesis iii) clinical signs iv) treatment and control