

CERTIFICATE IN ANIMAL HEALTH / ANIMAL SCIENCE Y2S1
ANHE 00322: Bacterial, Viral and Fungal Diseases

Instructions: Answer All Questions in SECTION I and any two questions in

SECTION II.

SECTION I

1. State the pathogenesis of the following diseases.
 - a) Newcastle disease (2 marks)
 - b) Actinobacillosis (2 marks)
 - c) African swine fever (2 marks)
 - d) Foot and mouth 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. (5marks)
3.
 - a) State the clinical signs of foot and mouth disease. (1 marks).
 - 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 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. (2marks)

SECTION II

5. Discuss Bovine ephemeral fever. (15marks)
 - i) Epidemiology ii) pathogenesis iii) clinical signs iv) treatment
6. Discuss contagious bacillary hemoglobinuria disease under the following headings. (15marks)
 - i) Etiology and epidemiology ii) pathogenesis iii) clinical signs iv) treatment and control
7. Discuss lumpy skin disease under the following headings. (15marks)
 - i) Etiology ii) pathogenesis iii) clinical signs iv) treatment and control