

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA 225 PAPER 2

DEPARTMENT OF ANIMAL SCIENCE
BSC HAHPE PART II EXAMINATION
ANIMAL DISEASES

3 HOURS (100 Marks)

INSTRUCTIONS TO CANDIDATES

Answer any FOUR questions. Each question carries 25 Marks

MAR 2024

1. List any five notifiable diseases for the following farm animal species. Please note, multiple species diseases can only be mentioned once, under one species
 - a. Cattle (5 Marks)
 - b. Poultry (5 marks)
 - c. Sheep and goats (5 marks)
 - d. Pigs (5marks)
 - e. Horses (5marks)
2. Answer the following questions relating to zoonotic and emerging diseases
 - a. Identify five (5) zoonotic and five (5) emerging animal diseases (10 marks)
 - b. Describe the control and prevention of zoonotic and emerging diseases (15 marks)
3. Highlight the causes and risk factors for calf scours in dairy cattle (25 marks)
4. Answer the following question relating to anthrax
 - a. Identify ten (10) groups/categories of people at high risk of anthrax in Zimbabwe (5 marks)
 - b. High risk areas for animal anthrax in Zimbabwe (5 marks)
 - c. Clinical signs (5 marks)
 - d. Post mortem findings (5 marks)
 - e. Discuss the control and prevention of anthrax in animals and in humans (5 marks)
5. Describe Bovine Theileriosis highlighting the causative agent(s), modes of transmission, clinical signs, differential diagnosis, treatment, control and prevention (25 marks)
6. Describe the socio-economic importance of Foot and mouth disease (25 marks)

END OF PAPER