

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA 225 PAPER 1

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 2023

1. Describe the socio-economic importance of animal diseases (25 marks)
2. Answer the following questions relating to zoonotic and emerging diseases
 - a. Define the term 'zoonotic disease' and give at least four examples (5 marks)
 - b. Define 'emerging animal diseases' and identify any four emerging diseases (5 marks)
 - c. Describe the control 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. Discuss "hardware disease" in dairy cattle under the following headings:
 - a. Causes (2 marks)
 - b. Common clinical signs (8 marks)
 - c. Differential diagnosis (5 marks)
 - d. Treatment (5 marks)
 - e. Control (5 marks)
6. Discuss bovine theileriosis in Zimbabwe under the following headings:
 - a. Transmission (5 marks)
 - b. Clinical signs (5 marks)
 - c. Differential diagnosis (5 marks)
 - d. Treatment (5 marks)
 - e. Control (5 marks)

END OF PAPER