

**BINDURA UNIVERSITY OF SCIENCE EDUCATION
BACHELOR OF SCIENCE AGRICULTURE (HONOURS) DEGREE**

AGA 222

**DEPARTMENT OF ANIMAL SCIENCE
Bachelor of Agricultural Science Honours Degree in Animal Science and Technology
(BAGSAScT) Part II
Animal Health and Welfare**

3 HOURS (100 Marks)

June 2022

INSTRUCTIONS

Answer any **FOUR** questions. Each question carries **25 marks**

1. Write brief notes on the following terms:

- | | |
|-------------------|-----------|
| a) Clinical signs | [5 marks] |
| b) Biosecurity | [5 marks] |
| c) Disinfectant | [5 marks] |
| d) Quarantine | [5 marks] |
| e) Immunity | [5 marks] |

JUN 2024

2. Discuss the importance of Animal Welfare in livestock production and marketing.

[25 marks]

3. Discuss the control of a disease of economic importance in poultry in Zimbabwe under the following headings:

- a) Disease presentation in the animal
- b) Transmission,
- c) Diagnosis
- d) Treatment
- e) Control and prevention

[25 marks]

4. Write brief notes on the following terms

- | | |
|----------------------------|-----------|
| a) Diagnosis | [7 marks] |
| b) Intravenous injection | [6 marks] |
| c) Intramuscular injection | [5 marks] |
| d) Haemoglobinuria | [7 marks] |

5. Discuss the challenges faced by disease control personnel in combating a notifiable disease in Communal areas of Zimbabwe

[25 marks]

6. Discuss the post-mortem procedures and outline the advantages and disadvantages.

[25 marks]

End of Exam Paper