

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

JUN 2023

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

1. Describe the following terms:

- | | |
|---------------------|-----------|
| a) Prophylactic | [5 marks] |
| b) Rectal Palpation | [5 marks] |
| c) Symptoms | [5 marks] |
| d) Prevention | [5 marks] |
| e) Antigen | [5 marks] |

2. Write notes on the following:

- | | |
|------------------|-----------|
| a) Intravenous | [9 marks] |
| b) Intramuscular | [8 marks] |
| c) Subcutaneous | [8 marks] |

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

- | | |
|---------------------------------------|-----------|
| a) Disease presentation in the animal | [5 marks] |
| b) Transmission | [4 marks] |
| c) Diagnosis | [4 marks] |
| d) Treatment | [5 marks] |
| e) Control and prevention | [7 marks] |

4. Describe the following terms

- | | |
|-----------------|-----------|
| a) Paralysis | [7 marks] |
| b) Pathogen | [6 marks] |
| c) Antihelminth | [5 marks] |
| d) Epidemic | [7 marks] |

5. Discuss the measures you would highlight as welfare matters in a Broiler Production system
[25 marks]

6. Discuss the disease control measures you would carry out on a Goat Enterprise in Mashonaland Central, Zimbabwe.

[25 marks]

End of Exam Paper