

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA 227 EXAM PAPER 1

DEPARTMENT OF ANIMAL SCIENCE
PRIMARY ANIMAL HEALTH CARE TECHNIQUES

3 HOURS (100 Marks)

INSTRUCTIONS TO CANDIDATES

Answer any FOUR questions. Each question carries 25 Marks

OCT 2020

1. Question 1: Poultry/Pig
 - a. What is the correct Signalment of the presented animal (5 marks)?
 - b. Collect 5-10 mls blood for serological examinations (10 marks)
 - c. Making a thin blood smear (10 marks)
2. Question 2: Lactating animal
 - a. Using presented equipment/gadgets, check for mastitis (5 marks)
 - b. What is your diagnosis? Justify your answer (5 marks)
 - c. How would you treat mastitis in a goat (5 marks)?
 - d. List 10-point mastitis control plan (10 marks)
3. Question 3: Simple production interventions
 - a. Using presented tools/equipment, perform closed castration on this animal (10 marks)
 - b. Use presented tools/equipment to de-horn the animal (10 marks)
 - c. Collect 2-5 ml blood from the tail (5 marks)
4. Question 4: Carry out a complete physical examination of the animal in front of you and write down pertinent findings under appropriate sub-headings (25 marks)
 - a. History (5 marks)
 - b. Signallment (5 marks)
 - c. Patient observation from a distance (5 marks)
 - d. Clinical findings- palpation, Temp, Pulse, Resp rate, Heart rate, rumination rate (5marks)
 - e. Differential diagnoses and Tentative Diagnosis (5 marks)

END OF EXAM PAPER