

# **BINDURA UNIVERSITY OF SCIENCE EDUCATION**

## **FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE**

**AGA 420**

**Department of Animal Science  
BSc. Agricultural Science (Honours) Part III Examination**

**Dairy Production and Technology**

**3 HOURS (100 Marks)**

### **INSTRUCTIONS**

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

1. Discuss the advantages and disadvantages of a tandem parlour. [25 Marks]
2. Discuss milk fever under the headings: cause, symptoms, treatment, prevention and control. [25 Marks]
3. Discuss Brucellosis under the headings: cause, symptoms, prevention and control. [25 Marks]
4. Discuss artificial insemination under the following headings:
  - a. Advantages of AI. [8 Marks]
  - b. Time to inseminate. [8 Marks]
  - c. Insemination process. [9 Marks]
5. Discuss the expression "culling for the right reasons in dairy cows". [25 Marks]
6. Describe the physical requirements of an effective recording system on a dairy farm. [25 Marks]

**End of Paper**