

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA 425

Department of Agricultural Science
BSc Animal Health and Production Extension (Honours) Part III Examination
Beef, Sheep and Goat Production

3 HOURS (100 Marks)

OCT 2023

INSTRUCTIONS

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

1. Discuss cattle production systems that are common in Zimbabwe. **[25 marks]**

2. Write notes on breeds of economic importance that you would recommend for small scale production in Zimbabwe:
 - a. Two beef breeds. **[13 marks]**
 - b. One goat breed. **[6 marks]**
 - c. One sheep breed. **[6 marks]**

3. Discuss the factors affecting quality and quantity of rangeland forage availability in Zimbabwe. **[25 marks]**

4. Write short notes on the importance of the following in goat production:
 - a. Housing for kids. **[6 marks]**
 - b. Vaccinations and deworming. **[6 marks]**
 - c. Supplementary feeds and browse. **[13 marks]**

5. Discuss the assumptions you would make when estimating the number of animals in a 100 doe unit where natural mating is practised. **[25 marks]**

6. Discuss the strategies you would use to increase small ruminant production in dry areas of Zimbabwe. **[25 marks]**

End of Exam Paper