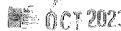
# BINDURA UNIVERSITY OF SCIENCE EDUCATION FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

AGA422

#### Department of Animal Science

### BSc Animal Science and Technology Part IV Examination

Small Ruminant Production (c)



#### 3 HOURS (100 Marks]

## INSTRUCTIONS: Answer any FOUR questions. Each question carries 25 marks

- 1. a) Discuss the selection of rams and bucks in a flock. [15 marks]
  - b) In a goat enterprise discuss the production targets and how you would try and achieve those targets. [10 marks]
- 2. Discuss the feeding of small ruminants under the following headings:
  - a) Feeding during the dry period up to lambing/kidding [10 marks]
  - b) Feeding during lactation [10 marks]
  - c) Feeding of rams and bucks [5 marks]
- 3. a) Explain the physiological basis for increased fertility that comes with flushing of females in small ruminants. [10 marks]
  - b) Describe how flushing can be achieved in small ruminants. [5 marks]
  - c) Discuss any five (5) important factors to consider in choosing the lambing season in Zimbabwe. [10 marks]
- 4. Use of irrigated pastures has gone down in Zimbabwe. Discuss the possible causes for the decline and based on the causes whether or not the decline will be reversed.

  [25 marks]
- 5. Write a short account on the handling facilities that are expected on a small ruminant farm with more than 50 animals. [25 marks]
- Describe a flock health programme that you would implement for small ruminants on a farm.
   [25]

End of paper