



UNIVERSITY OF RUHUNA
FACULTY OF AGRICULTURE

Third Examination in BSc Agribusiness Management (Part II)

March 2022

AS 3201 Ruminant Management (Compulsory)

Essay



INSTRUCTIONS

Answer **all** questions.

Only non-programmable calculators are permitted.

Mobile phones are NOT permitted.

TIME: 1 (one) Hour
INDEX NUMBER

1. Design a strategy to obtain the maximum milk production from a cow while achieving the "A calf in every year" concept. (100 marks)
2. (i) Describe the importance of artificial calf rearing which is practiced under the intensive dairy farming (50 marks)
(ii) A farmer in Mapalana area is interested in starting up a dairy goat farm. Assuming that you are a Livestock officer,
 - (a) Suggest the farmer a suitable goat breed (05 marks)
 - (b) Discuss the important characteristics that he should look for in selecting the buck and the doe to start up the farm (45 marks)
3. (i) Discuss the consequences of poor nutrition in small ruminants (50 marks)
(ii) (a). Explain the following statement "Buffaloes are efficient converters of roughages into milk" (25 marks)
(b). Briefly describe why the buffaloes are considered as a multipurpose animal (25 marks)