



(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

**THIRD YEAR 1ST SEMESTER
SPECIAL / SUPPLEMENTARY EXAMINATIONS**

**FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE
EDUCATION AND EXTENSION AND B.ED. SCIENCE**

COURSE CODE: AAP 321
COURSE TITLE: RUMINANT AND NON-RUMINANT PRODUCTION

DATE: 16TH AUGUST 2023 **TIME:** 8 – 10 AM

INSTRUCTIONS TO CANDIDATES

There are a total of five (5) Questions.
Answer Question 1 and any other two (2) Questions.

TIME: 2 Hours

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Q1: COMPULSORY QUESTION (30 marks)

- a) Explain aims of horse keeping (4 marks)
- b) Discuss the role of colostrum feeding to young animals. (6 marks)
- c) Discuss heterosis as used in animal breeding. (5 marks)
- d) Describe survival feeding in beef cattle. (5 marks)
- e) Distinguish between the N'dama and Zebu breeds of cattle. (4 marks)
- f) Outline the importance of sheep and goat keeping in the tropics. (6 marks)

ANSWER ANY TWO QUESTIONS

- Q2.** Discuss the criteria of selecting a good breeding goat. (20 marks)
 - Q3.** Describe the beef production systems. (20 marks)
 - Q4.** Discuss factors affecting conception rate and fertility of dairy cattle. (20 marks)
 - Q5** Describe any 4 systems of sheep production. (20 marks)
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