



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR
THIRD YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCE AND
ANIMAL SCIENCES**

**BACHELOR OF SCIENCE IN ANIMAL HEALTH
AND PRODUCTION**

COURSE CODE AHP 3105

**COURSE TITLE: LIVESTOCK PRODUCTION SYSTEM
– RUMINANTS**

DATE: 1ST APRIL, 2022

TIME: 1100-1300

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions

Question 1

Discuss the economics of beef production under the following sub-headings

- a) Changes in consumer preferences for meat and meat products (8 Marks)
- b) Increasing farm sizes (6 Marks)
- c) Globalization & Industrialization (6 Marks)

Question 2

Discuss the common constraints to the development of Beef Cattle Production and propose ways in which such constraints can be tackled. (20 Marks)

Question 3

Discuss the approach for milking & milk handling in dairy goats under zero grazing with milking being carried out using hand milking (20 Marks)

Question 4

- a) Describe the common livestock systems highlighting the advantages, disadvantages and examples of each (10 marks)
- b) List and describe the use(s) of any five (5) farm machineries of importance in a livestock production farm (10 Marks)

Question 5

Describe the key features of beef cattle keeping under a pastoral production system and highlight three key advantages and three key disadvantages of this production system for beef cattle production. (20 Marks)

Question 6

Discuss the management of breeding stock in beef production system highlighting the key operation (20 marks)

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