



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**SECOND YEAR SECOND SEMESTER UNIVERSITY EXAMINATION FOR THE
DEGREE OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE, FOOD
SECURITY, BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION
AND EXTENSION AND BACHLOR OF SCINECE IN AGRIBUSINESS
MANAGEMENT**

2024/2025 ACADEMIC YEAR

RECEIPT

COURSE CODE: AAB 1202

COURSE TITLE: PRINCIPLE OF ANIMAL PRODUCTION

EXAM VENUE: SIAYA CAMPUS

STREAM: BSc. Animal Science , Bsc. Food Security, BSc AGED and BSc AGBM

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer ALL the questions in section A and any TWO in section B.**
 - 2. Candidates are advised not to write on question paper.**
 - 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**
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SECTION A [30 MARKS]

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. (a) Define the following:

- i) Ranching
- ii) Nutrient
- iii) feedlot
- iv) Parturition
- v) Ruminant [5marks]

(b) Explain five constraints that hinder livestock production in Kenya [5 marks]

2. Explain the following THREE production system in poultry production (6 marks)

3. Discuss the 3 major dairy cattle exotic breeds in Kenya. (6 marks)

4. Explain different classes of animal feeds giving examples of each case? (6marks]

5. The production system of beef animals is a three-stage process. Explain (6 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

1. Mention and explain the contribution of animal production in the economy [20 marks]

2. Explain the following animal of production concepts stating their advantages and disadvantages ;-
 - i. zero grazing system

 - ii. Pastoralism [(20 marks)

3. Pest and diseases are major concern livestock industry.
 - i. Explain the general methods that should be applied on a farm to avoid outbreaks or spread of diseases (5marks)
 - ii. what shortcomings are you likely to face in disease management (5marks)
 - iii. Discuss signs of ill health in an animal (5marks)
 - iv. Explain what is meant by notifiable diseases and give examples (5marks)