



**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**

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**COURSE CODE: AAB 1402**

**COURSE TITLE: BEEF CATTLE AND CAMEL PRODUCTION**

**EXAM VENUE: SIAYA CAMPUS**

**STREAM: BSc. Animal Science**

**DATE:**

**EXAM SESSION:**

**TIME: 2 HOURS**

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**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) Estrus synchronization
  - ii) Stocking rate
  - iii) Backgrounding
  - iv) Ranch
  - v) Finishing [10 marks]
- (b). Differentiate between the breeds of camels (5 marks)
- (c) State four importance of camel production (5 marks)
2. Explain inbreeding and its side effects in beef animals production (5 marks)
3. List and explain five common diseases that affect camels in Kenya. (5 marks)

**SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)**

1. a). Mention and explain factors that have influence distribution beef animal Production [10 marks]
  - b). List any four breeds (2marks)
  - c) Explain beef production systems practiced in Kenya (8 marks)
2. a. Describe management system under which camels are kept (10 marks)
  - b. Discuss the adaptations of the camel to ASAL environment. (10 marks)
3. a. Explain the characteristics of Intensive Beef Production (10 marks)
  - b. Explain the following as used in beef production
    - i. Cow-Calf Phase
    - ii. Backgrounding Phase (Stocker Cattle Production)

