



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**THIRD YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE
OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE**

2024/2025 ACADEMIC YEAR

SIAYA

COURSE CODE: AAB 1406

COURSE TITLE: Non-conventional Farm Animals

EXAM VENUE:

STREAM: BSc. Animal Science, Y4, S2

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]

Answer ALL questions from this Section.

1. Explain:
 - a. Three roles of non-conventional farm animals in food security. [6 Marks]
 - b. Two factors that contribute to the growth of crocodile farming. [4 Marks]

2. Describe:
 - a. Three physiological characteristics that enable ostriches to cope with high ambient temperature. [6 marks]
 - b. Two characteristics of ostrich meat that make it superior to others. [4 Marks]

3. Outline:
 - a. Three methods of stocking a crocodile farm. [6 marks]
 - b. Two challenges in the utilization of insects as food for humans. [4 Marks]

SECTION B [40 MARKS]

Answer any TWO QUESTIONS from this Section.

4. Debate the role of insects in the circular economy. Give examples. [20 Marks]

5. Analyze five factors that may affect hatchability of ostrich eggs from the time they are laid up to the time they are placed in an incubator. [20 marks]

6. Discuss four factors that should be considered before starting a quail enterprise. [20 Marks]