



University of choice
**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
MAIN EXAMS FOR
BACHELOR OF (OF SCIENCE IN ANIMAL
PRODUCTION AND PROCESSING AND RELATED
OPTIONS**

COURSE CODE: AAP 215

COURSE TITLE: NOVEL ANIMAL PRODUCTS

DATE: 25.04.2024

TIME 3-5PM

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INSTRUCTIONS TO CANDIDATES

- i) Answer ALL questions in Section A and any TWO Questions in Section B
- ii) Write answers to questions clearly and logically

MMUST observes ZERO tolerance to examination cheating

*This Paper Consists of 2 Pages.
Please Turn Over*

SECTION A: ANSWER ALL QUESTIONS (40 Marks)

QUESTION ONE

a) Explain the term novel animal product. (4 Marks)

b) List and briefly discuss two novel animal byproduct pet food ingredients (8 Marks)

QUESTION TWO

Discuss briefly the Potential of animal by-products and their uses in Industrial applications (12 Marks)

QUESTION THREE

List and outline three novel products derived from underutilized animal by- products (16 Marks)

SECTION B ANSWER ANY TWO QUESTIONS (30 Marks)

QUESTION FOUR

Discuss three novel animal products and their processing technology (15 Marks)

QUESTION FIVE

Development of an integrated sustainable approach for improved quality and safety of novel animal products is essential in the animal industry sector. Critically discuss the above statement. (15 Marks)

QUESTION SIX

Discuss the regulatory requirements regarding novel animal products trade (15 Marks)