



**UNIVERSITY OF CHOICE
MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

**MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

**MAIN EXAMS
OF
MASTER OF SCIENCE IN ANIMAL PRODUCTION AND
RELATED OPTIONS**

COURSE T CODE: AAP: 808

COURSE IT TITLE: MEAT ANIMAL PRODUCTION

DATE: 23.04.2024

TIME: 3:5PM

INSTRUCTIONS TO CANDIDATES

- i) Answer ALL questions in SECTION A and any TWO questions in SECTION B
- ii) Write clearly and Show logical steps clearly when giving illustrative examples

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

Critically examine weaknesses and opportunities in the Kenyan meat industry with regard to the animal health regulations (15 Marks)

QUESTION TWO

In the context of meat production briefly discuss feeding strategies for growth and reproduction in: sheep (10 Marks)

QUESTION THREE

Briefly discuss the following:

- a). Multiphase feeding approaches in fish farms (8 Marks)
- b). Dietary manipulation influence product price and quality in beef cattle (7 Marks)

SECTION B: ANSWER ANY TWO QUESTIONS(20 Marks)

QUESTION FOUR

Outline the routine management practices that need to be adhered to by poultry farmers to meet National and International meat trade standard requirements (10 Marks)

QUESTION FIVE

Pre-ruminant nutrition and feeding management affect productivity and profitability of ruminant meat animal enterprise. Critically examine the above statement (10 Marks)

QUESTION SIX

Utilization of roughages, crop residues, silage and concentrates is common in the feeding of ruminants. Discuss the above statement (10 Marks)