

AAP 808



**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)**

**MAIN CAMPUS  
UNIVERSITY EXAMINATIONS  
2022/2023 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER MAIN EXAMINATIONS**

**FOR THE DEGREE OF MASTERS IN:**

**ANIMAL PRODUCTION AND PROCESSING**

**COURSE CODE: AAP 808**

**COURSE TITLE: MEAT ANIMAL PRODUCTION**

**DATE: 26.04.2023**

**TIME: 8 – 11 AM**

**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**

In the context of meat production briefly discuss feeding strategies for growth and reproduction in:

- a) Beef Cattle (8 Marks)
- b) Mutton sheep (7 Marks)

**QUESTION TWO**

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

**QUESTION THREE**

Discuss the following:

- a) Multiphase feeding approaches in fish farms (8 Marks)
- b) Dietary manipulation influence product price and quality of pork (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**

Utilization of roughages, crop residues, silage and concentrates in ruminant meat animals is commonly practiced by farmers in integrated crop-livestock farming systems in Kenya. Critically examine this statement and advise a farmer who is interested in purchasing weaner calves to raise them for beef market (10 Marks)

**QUESTION SIX**

Critically examine the harvesting and marketing of meat from wildlife in Kenya (10 Marks)