

AAP 809



*University of choice*

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

**2022/2023 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER EXAMINATIONS  
FOR DEGREE OF  
MASTER OF SCIENCE IN ANIMAL PRODUCTION**

**COURSE TITLE: PIG AND RABBITS PRODUCTION  
COURSE CODE: AAP: 809**

**DATE: 25.04.2023**

**TIME: 8-11AM**

**INSTRUCTIONS TO CANDIDATES**

1. Answer ALL Questions in Section A and any TWO Questions in Section B
2. Write answers to questions clearly and logically

TIME: 3 Hours

*MMUST observes ZERO tolerance to examination cheating*

This Exam consists of Three pages. Please turn over

**SECTION A: ANSWER ALL QUESTIONS (40 Marks)**

**QUESTION ONE**

Briefly discuss the following in Rabbits production

**(10 Marks)**

- a) Selection of does for breeding
- b) Care of does during pregnancy
- c) Gestation period
- d) Kindling
- e) Weaning

**QUESTION TWO**

Explain in details the feeding requirements of piglets around weaning and young pigs weighing about 20-45kg

**(10 Marks)**

**QUESTION THREE**

Briefly describe the following management practices in Pig production

**(10 Marks)**

- a) Creep Feeding
- b) Provision of Iron
- c) Needle teeth removal
- d) Castration
- e) Marking and Identification.

**QUESTION FOUR**

Describe the pig's breeding cycle and distinguish between hand mating and herd mating in breeding management

**(10 Mark)**

**SECTION B: ANSWER ANY TWO QUESTIONS (30 Marks)**

**QUESTION FIVE**

Discuss the requirements and procedure for slaughtering and processing of pigs and rabbits (15 Marks)

**QUESTION SIX**

What are parasites? Distinguish between internal and external parasites in Pigs and Rabbits with relevant examples (15 Marks)

**QUESTION SEVEN**

Discuss in detailed the importance and types of record keeping in piggery and rabbit production (15 Marks)

**QUESTION EIGHT**

Discuss the requirements of pigs and rabbits with respect to the following nutrients: water, protein, energy, minerals and vitamins (15 Marks)