

**DAG 085**



*University of choice*

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

**SCHOOL OF AGRICULTURE, VETERINARY SCIENCES AND  
TECHNOLOGY (SAVET)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2023/2024 ACADEMIC YEAR**

**MAIN EXAMS**

**OF**

**DIPLOMA IN GENERAL AGRICULTURE**

**COURSE CODE: DAG 085**

**COURSE TITLE: NON-RUMINANT PRODUCTION**

**DATE: 5.12.23**

**TIME: 3-5PM**

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**INSTRUCTIONS TO CANDIDATES**

This paper is divided into two sections, **A and B**. Answer ALL Questions in SECTION A and any Two in SECTION B

MMUST observes ZERO tolerance to examination cheating

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This Paper Consists of 2 Printed Pages. Please Turn Over

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

- Q1. Define the following terms (5 marks)
- a) Ruminant Animals
  - b) Non-Ruminant Animals
  - c) Cockrel
  - d) Capon
  - e) Pullet
- Q2. Describe heterosis and hybrid vigour giving examples of each (4 marks)
- Q3. State and discuss limitations that hinder commercial production in Kenya (5marks)
- Q4. Discuss **FIVE** rabbit breeds found in Kenya giving their origin and characteristics (5 marks)
- Q6. State viral, bacterial, and parasitic diseases in Pigs (6 marks)
- Q7. State **FIVE** pig behaviour and vices (5marks)
- Q8. Discuss 5 poultry diseases, including symptoms, treatment, and prevention. (10 marks)

**SECTION B: ANSWER ANY 2 QUESTIONS (30 MARKS)**

- Q7. Discuss **THREE** main poultry production systems in Kenya (15 marks)
- a) Characteristics
  - b) Advantages
  - c) Disadvantages
- Q8.
- a) Discuss **FIVE** Rabbit diseases and parasites (5 marks)
  - b) Discuss the routine management practices in Ruminant and Non-Ruminant Animals (10marks)

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Q9.

a) Define the following terms:

**(5 marks)**

- i. Boar
- ii. Sow
- iii. Gilt
- iv. Pen
- v. Creep

b) Discuss pig breeds found in Kenya giving their origin and characteristics

**(10marks)**

