



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2024/2025

### SECOND YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

#### AAP 2255: NON-RUMINANT PRODUCTION SYSTEMS

**DATE: JANUARY 2025**

**TIME: 1½ HOURS**

#### INSTRUCTIONS:

*Answer question **ONE** and any other **TWO** questions*

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#### QUESTION ONE (30 MARKS)

- a) Define the following terminologies; pullet, sexed chick and capon (6 marks)
- b) Outline three method of mating in chicken (6 marks)
- c) Name two breed of rabbit and their identification features each (6 marks)
- d) Give two diseases that affect rabbit with their causative agent (4 marks)
- e) Highlight four quality of a good single stall house for pigs (4 marks)
- f) Name two minerals used in pig nutrition and their importances in, pigs (4marks)

#### QUESTION TWO (15 MARKS)

- a) List three common races of bees found in Kenya (3 marks)
- b) Discuss six general managements which are done at apiary (12 marks)

#### QUESTION THREE (15 MARKS)

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- a) Explain four modern methods which are used for commercial fishing (8 marks)
- b) Names two diseases that affect fish (2 marks)
- c) Highlight five method of preservation of fish techniques (5 marks)

**QUESTION FOUR (15 MARKS)**

- a) Discuss fowl cholera on the following; causative agent, signs and symptoms and method used to control (10 marks)
- b) Give five symptoms of African swine fever (5 marks)