



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya

Tel: +254(0) 799 529 958, +254(0) 799 529 959, + 254 (0) 712 524 293,

Website: info@must.ac.ke Email: info@must.ac.ke

University Examinations 2024/2025

SECOND YEAR SECOND SEMESTER EXAMINATION FOR THE DIPLOMA IN AGRICULTURE

AAD 2506: POST HARVEST HANDLING OF ANIMALS

DATE: DECEMBER 2024

TIME: 1½ HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE (30 MARKS)

- a) Discuss three types of pasteurization (6 marks)
- b) State four benefits of using sodium chloride (4 marks)
- c) List three ways which lead to post harvest losses (3 marks)
- d) List four similarities between preservation and processing (4 marks)
- e) Discuss the ritualistic method of slaughter (5 marks)
- f) State three similarities between meat processing and preservation (4 marks)
- g) State three methods of stunning (3 marks)
- h) Explain the term Grading (1 marks)

QUESTION TWO (15 MARKS)

- a) Discuss five factors determining the quality of leather (10 marks)
- b) Distinguish between modified atmosphere packaging and vacuum packaging (5 marks)

QUESTION THREE (15 MARKS)

a) Discuss four solutions of post-harvest (8 marks)

b) Discuss three parameters of grading milk (7 marks)

QUESTION FOUR (15 MARKS)

a) Discuss factors to be considered for planning of a good packaging (10marks)

b) State and explain the importance of packaging products (5marks)