



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 2503: FARM STRUCTURES

DATE: DECEMBER 2024

TIME: 1½ HOURS

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

QUESTION ONE (30 MARKS)

- a) State the function of horizontal and vertical bars in a crush (1 mark)
- b) Highlight the function of the tad bar in a crush (1 mark)
- c) Enumerate the function of copper sulphate solution in the dip (1 mark)
- d) State five advantages of a plunge dip (5 marks)
- e) Highlight five features of a good calf pen (5 marks)
- f) State five features of a good rabbitry (5 marks)
- g) State three features of a good feed store (3 marks)
- h) Enumerate four factors to consider when siting a fish pond (4 marks)
- i) Highlight the disadvantages of deep litter housing (5 marks)

QUESTION TWO (15 MARKS)

- a) With a well labelled diagram, show the different parts of a roof (12marks)
- b) State three disadvantages of KTBH (3 marks)

QUESTION THREE (15 MARKS)

- a) Discuss the importance of fences (12 marks)
- b) Highlight four essential features of a piggery (3 marks)

QUESTION FOUR 15 MARKS)

- a) Discuss the components of a spray race (12marks)
- b) Highlight three properties of a good construction material (3marks)