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UNIVERSITY EXAMINATIONS 2023/2024

SECOND YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN AGRICULTURE

AAD 2503: FARM STRUCTURES

DATE: APRIL 2023

TIME: 1½ HOUR

INSTRUCTIONS: Answer Question ONE and any other TWO questions.

QUESTION ONE (30 MARKS)

- a) State the function of copper sulphate solution in the dip (1 mark)
- b) State the function of horizontal and vertical bars in a crush (1 mark)
- c) State five advantages of a spray race (5 marks)
- d) Highlight five features of a good calf pen (5 marks)
- e) State five importance of fences (5 marks)
- f) Outline five advantages of wood as a building material. (5 marks)
- g) Explain four factors to consider when siting a fish pond (8 marks)

QUESTION TWO 15MARKS

- a) For maximum production to the rabbits in a farm it is important to have a rabbitry that has good features. Outline five features of a good rabbitry (5 marks)
- b) With a well labeled diagram, show the different components of a zero grazing unit (10 marks)

QUESTION THREE 15MARKS

- a) Outline five advantages of battery cage system. (5 marks)
- b) Highlight five the advantages of a plunge dip over a spray race (5 marks)
- c) Outline five factors considered in selecting building materials. (5 marks)



QUESTION FOUR 15 MARKS

- a) With a well labeled diagram, show the different components of a fishpond (10 marks)
- b) Outline five qualities of a good roofing material. (5marks)



MUST is ISO 9001:2015 and



ISO/IEC 27001:2013 CERTIFIED