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University Examinations 2020/2021

SECOND YEAR, SECOND SPECIAL/SUPPLEMENTARY EXAMINATION FOR CERTIFICATE IN ANIMAL HEALTH PRODUCTION

AAP 1260: NUTRITIONAL AND REPRODUCTIVE DISORDERS

DATE: AUGUST 2023

TIME: 2 HOURS

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

QUESTION ONE (30 MARKS)

- a) Name four sources of phosphorous for animals (4 marks)
- b) List five clinical signs of fat deficiency (5 marks)
- c) List the sources of vitamin B1 for animals (4 marks)
- d) List the clinical signs of vitamin D deficiency (5 marks)
- e) Describe how a case of white muscle disease in sheep is handled (5 marks)
- f) Identify sources of vitamin K for animals (4 marks)
- g) Name three causes of rickets (3 marks)

QUESTION TWO (15 MARKS)

- a) Briefly describe role of nutrition on reproduction (10 marks)
- b) List five functions of Vitamin E (5 marks)

QUESTION THREE (15 MARKS)

- a) Highlight the predisposing factors to post parturient haemoglobinuria (5 marks)
- b) Briefly explain the aetiology of fatty liver disease in cattle (5 marks)
- c) Highlight the factors that influence availability of cobalt in an animal's body (5 marks)

QUESTION FOUR (15 MARKS)

Discuss zinc deficiency under the following subheadings:

- (i) Role in animal's body (4 marks)
- (ii) Clinical signs (6 marks)
- (iii) Treatment and control (5 marks)