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University Examinations 2024/2025

SECOND YEAR FIRST SEMESTER EXAMINATION FOR CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

AAP 1213: VIRAL RICKETTSIA AND PARASITIC DISEASES

DATE: JANUARY 2025

TIME: 1½ HOURS

INSTRUCTIONS:

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

QUESTION ONE (30 MARKS)

- a) Define the following terms; (6 Marks)
 - i. Enzootic
 - ii. panzootic disease
 - iii. pandemic
- b) Highlight four control measures of trypanosomiasis in a herd (4 Marks)
- c) Highlight six clinical signs of highly pathogenic Avian influenza in birds (6 Marks)
- d) Describe the transmission of Bovine babesiosis (5 Marks)
- e) Explain the mode of transmission of rinderpest in a herd of cattle (4 Marks)
- f) You've been called for a case, and after thorough clinical examination and judgement, the 'pathognomic' signs point towards ECF, giving support to your answer which drugs would you use for both symptomatic and supportive therapy? (5 Marks)

QUESTUON TWO (15 MARKS)

- a) Discuss conditions that favors the survival of Newcastle Disease (9 Marks)
- b) Give six reasons to why there is great concern as a country with Newcastle Disease (6 Marks)

QUESTION THREE (15 MARKS)

- a) Describe the etiology, transmission, clinical control and prevention of foot and mouth disease in ruminants (15 Marks)

QUESTION FOUR (15 MARKS)

Discuss Rabies under the following topics.

- i. Transmission (4 Marks)
- ii. Clinical signs (7 Marks)
- iii. Prevention (4 Marks)