



MAASAI MARA UNIVERSITY
REGULAR UNIVERSITY EXAMINATIONS
THIRD YEAR SECOND SEMESTER EXAM
YEAR THREE SEMESTER TWO

**SCHOOL OF NATURAL RESOURCE, TOURISM AND
HOSPITALITY**
**BACHELOR OF SCIENCE IN ANIMAL HEALTH AND
PRODUCTION**

COURSE CODE: AHP 3203-1

COURSE TITLE: VIRAL AND PARASITIC DISEASES

DATE: 30/5/24

TIME: 0230-0430HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions.

This paper consists of 2 printed pages. Please turn over

- 1 a Describe the questions you would ask a farmer when taking history during an approach to a clinical case **(10 marks)**.
 b Explain how you would arrive at a diagnosis of any disease. **(10 marks)**
- 2 a Discuss East Coast Fever under the following sub-Headings.
 (i) Aetiology **(2 marks)**
 (ii) Clinical Signs **(6 marks)**
 (iii) Economic impact **(4 marks)**
 (iv) Diagnosis **(4 marks)**
 (v) Prevention and Control **(4 marks)**
- 3 a Discuss the pathogenesis of rabies in dogs in Kenya? **(6marks)**
 b How would you manage a suspect rabies case in a dog that attacked his owner and vaccination status not known? **(8marks)**
 c What is the recommended Rabies vaccination protocol in dogs in Kenya? **(2 marks)**
 d List four challenges facing rabies prevention and control in Kenya? **(4 marks)**
- 4 a Discuss Bovine Babesiosis under;
 (i) Aetiology **(2 marks)**
 (ii) Pathogenesis **(6 marks)**
 (iii) Clinical signs **(8marks)**
 (iv) Control **(4 marks)**
- 5 a List five (5) tick borne infections **(5 marks)**
 b List four (4) parasites that cause cysticercosis and the species of animals that they affect **(8 marks)**
 c Is Lumpy skin disease a notifiable disease? Why? **(2 marks)**
 d List five (5) clinical signs of Rift Valley Fever virus **(5 marks)**
- 6 a Discuss Foot and Mouth Disease under the following sub-Headings.
 (i) Aetiology **(2 marks)**
 (ii) Clinical Signs **(6 marks)**
 (iii) Economic impact **(4 marks)**
 (iv) Diagnosis **(4 marks)**
 (v) Prevention and Control **(4 marks)**

END//