



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF THE DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

FIRST SEMESTER 2023/2024

[JULY, 2024]

ANHE

OANHE 0318:321: HELMINTHES, RICKETTTSIAL AND PROTOZOAL DISEASES

STREAM: Y2 S1

TIME: 2 HOURS

DAY: FRIDAY, 3:00 - 5:00 P.M.

DATE: 26/07/2024

INSTRUCTIONS

- 1. Do not write anything on this question paper.**
- 2. Answer question ONE in section A (Compulsory) and any other TWO questions from section B.**

SECTION A (40MARKS)

1. Explain the meaning of the following terms. (10 marks)
 - (i) Odema
 - (ii) Dyspnea
 - (iii) Anaemia
 - (iv) Ascites
 - (v) Splenomegally
2. Discuss trypanosomiasis based on: (10 marks)
 - (i) Aetiology
 - (ii) Transmissions
 - (iii) Clinical signs
 - (iv) Treatment
 - (v) Control
3. State at least five clinical signs in each of the following diseases (10 marks)

- i. Toxoplasmosis
- ii. East Coast Fever
- iii. Babesiosis
- iv. Anaplasmosis
- v. Q-Fever

SECTION B (30 MARKS)

5) Discuss anaplasmosis based on the following:

- (i) Aetiology
- (ii) Pathogenesis
- (iii) Clinical signs
- (iv) Treatment
- (v) Control

6). a). State at least five clinical signs of babesiosis in Canine (5 marks)

b) Discuss the clinical signs of heart water in Bovine (10 marks)

7. a) Discuss the following helminthosis diseases based on aetiology, transmission and control (12 marks)

- i. Hydatidosis
- ii. Taeniasis
- iii. Trichinellosis
- iv. Fasciolosis

b) State any three parasitic worms (3 marks)

8. Discuss coccidiosis based on the following (15 marks)

- i. Causative agent
- ii. Clinical signs
- iii. Treatment
- v. Control