

CHUKA UNIVERSITY

RESIT/SPECIAL EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

ANHE 00133: PARASITIC DISEASES

INSTRUCTIONS: Answer ALL questions in section A and any TWO in section B (70 marks)

Section A: Answer ALL questions in this section (40 marks)

1. List the main clinical signs of the following diseases:
 - a) *Haemonchus* sp. infection in sheep (4 marks)
 - b) Chronic liver fluke infection in cattle (5 marks)
 - c) Tapeworm infection in goats (5 marks)
2. Name three species of *Eimeria* that associated with coccidiosis in broilers. (3 marks)
3.
 - a) List five main clinical signs of acute heart water in ruminants. (5 marks)
 - b) Briefly describe the transmission of heart water in ruminants. (5 marks)
4. Name the diseases transmitted by the following ticks:
 - i) *Hyalomma* sp. (1 mark)
 - iii) *Rhipicephalus* sp. (2 marks)
5. Describe the prevention and control of tapeworm infection in dogs. (4 marks)
6. Briefly explain the laboratory diagnosis of Babesiosis in Cattle. (6 marks)

SECTION B: Answer any TWO questions in this section (30 marks)

7. Discuss trypanosomiasis in cattle under the following headings:
 - a) Transmission (5 marks)
 - b) Clinical signs (5 marks)
 - c) Treatment, prevention and control (5 marks)
8.
 - a) Briefly describe the transmission of babesiosis in dogs. (5 marks)
 - b) Describe the prevention and control of liver fluke disease in ruminants. (10 marks)
9.
 - a) Briefly describe the transmission of Nairobi sheep Disease. (5 marks)
 - b) Discuss the control and prevention of roundworm infection in ruminants. (10 marks)