

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

ANHE 00133: PARASITIC DISEASES

STREAMS: CERT. ANHE (Y2S1)

TIME: 2 HOURS

DAY/DATE: TUESDAY 06/08/2019

2.30 P.M. – 4.30 P.M.

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)

- (a) Name the aetiological agent of heart water in ruminants. (2 marks)
 - (b) List FIVE clinical signs of acute heart water in sheep. (5 marks)
- Name the diseases transmitted by the following ticks;
 - (i) *Hyalomma sp.* (1 mark)
 - (ii) *Rhipicephalus sp.* (2 marks)
 - (iii) *Boophilus sp.* (2 marks)
- List FOUR main clinical signs of;
 - (a) Acute liver fluke infection in sheep. (4 marks)
 - (b) Chronic liver fluke infection in cattle. (4 marks)
 - (c) Tapeworm infection in sheep. (4 marks)
- Briefly describe the preventive measures for *Taenia saginata*. (5 marks)
- Describe the prevention and control of trypanosomiasis in cattle. (6 marks)

6. Briefly explain the laboratory diagnosis of Babesiosis. (5 marks)

SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SECTION (30 MARKS)

7. Describe Anaplasmosis in cattle under the following headings;
- (a) Aetiology (2 marks)
 - (b) Transmission (8 marks)
 - (c) Clinical signs of acute infection (5 marks)
8. (a) Describe the transmission of coccidiosis in flock of chicken. (5 marks)
- (b) Discuss the prevention and control of East Coast Fever in cattle. (10 marks)
9. (a) Describe the prevention and control of *Echinococcus granulosus* (5 marks)
- (b) Discuss the transmission of *Fasciola hepatica* in sheep. (10 marks)
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