

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: THURSDAY 13/12/2018

2.30 P.M – 4.30 P.M

INSTRUCTIONS:

1 Answer all question in section A and any two from section B

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION 40 MARKS

1. (a) Name three species of *Eimeria* that cause coccidiosis in broilers. [3 marks]
(b) List five main clinical signs of coccidiosis in chicken. [5 marks]
2. (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]
3. Name the diseases transmitted by the following ticks;
 - (i) *Blue tick (Boophilus sp)* [2 marks]
 - (ii) *Brown ear tick (Rhipicephalus sp)* [2 marks]
 - (iii) *Amblyomma sp.* [1 mark]
 - (iv) *Hyalomma sp.* [1 mark]
4. List six clinical signs of acute liver fluke infection in sheep. [6 marks]
5. Briefly describe the prevention and control of tape worm infection in dogs. [4 marks]
6. Briefly describe the transmission of Anaplasmosis in ruminants. [6 marks]

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

7. Discuss babesiosis 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 trypanosomiasis in livestock. [5 marks]
- (b) Describe the prevention and control of liver fluke disease in ruminants. [10 marks]
9. (a) Briefly describe the prevention and control of East coast fever in cattle. [5 marks]
- (b) Discuss the control and prevention of roundworm infection in ruminants. [10 marks]
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