

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

ANHE 00133: PARASITIC DISEASES

STREAMS: CERT (ANHE)

TIME: 2 HOURS

DAY/DATE: FRIDAY 8/12/2017

2.30 P.M - 4.30 P.M.

INSTRUCTIONS:

- Answer ALL questions in Section A and any other TWO in Section B

SECTION A [40 MARKS]

QUESTION ONE

- (a) Name three Rickettsia organisms that transmit disease to domestic ruminants and give the respective diseases. [6 Marks]
- (b) Name two helminthes of poultry that infest the proventriculus. [2 Marks]
- (c) List the ways through which nematodes enter the host. [2 Marks]

QUESTION TWO

- (a) Explain the pathogenesis of flea allergic dermatitis. [5 Marks]
- (b) Explain antihelminthic resistance. [3 Marks]
- (c) Give the main clinical signs of *Syngamus trachea* (Gape worm) in birds. [2 Marks]

QUESTION THREE

- (a) Describe the life cycle and clinical signs of *Haemonchus contortus* in sheep. [7 Marks]
- (b) Explain the ways through which snail population may be reduced. [3 Marks]

QUESTION FOUR

- (a) Name any 10 parasitic zoonosis. [5 Marks]
- (b) Give any 5 tapeworms in the family Taeniidae and name their respective metacestodes stages. [5 Marks]

SECTION B: [30 MARKS]

QUESTION FIVE

Write short notes on Cutaneous Myiasis of sheep guided by the following sections

- (a) Definition of Myiasis [2 Marks]
- (b) Aetiology [3 Marks]
- (c) Factors that encourage disease development [3 Marks]
- (d) Control [7 Marks]

QUESTION SIX

- (i) Explain the clinical signs, treatment and control of Bovine Trichomoniasis. [10 Marks]
- (ii) Describe how to obtain skin scrapings for diagnosis of mange. [5 Marks]

QUESTION SEVEN

Discuss parasitic zoonosis. [15 Marks]

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