

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE
IN ANIMAL HEALTH PRODUCTION

ANHE 00123: PARASITOLOGY

STREAMS: CERT. ANHE (YS1)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 06/12/2017

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A AND ANY TWO IN SECTION B

SECTION A (40 MARKS)

1. (a) Define parasitology [3 marks]
- (b) Differentiate a biological and a mechanical vector. [2 marks]
- (c) List the importance of fleas. [3 marks]
- (d) Name the two main types of mites and give examples of each. [2 marks]
2. (a) Enumerate the effects in external parasitism on the host. [7 marks]
- (b) Enumerate on the control methods of Glossina flies (tsetse flies) [3 marks]
3. (a) Briefly explain 2-host ticks and give an example. [4 marks]
- (b) Name the disease transmitted by Musca autumnalis (face fly). [1 mark]
- (c) Name any two diseases transmitted by mosquitoes in animals. [2 marks]
- (d) Name the six examples of acaricides used in animals. [3 marks]
4. (a) Enumerate the conditions favoring parasitosis. [7 marks]
- (b) Name three important genera of soft ticks. [3 marks]

SECTION B (30 MARKS)

5. (a) Write short notes on symbiosis. [10 marks]
- (b) Explain the taxonomic classification of parasites. [5 marks]
6. (a) Write short notes on the lice. [10 marks]
- (b) Explain how parasites reach the host and establish themselves in the host. [5 marks]

ANHE 00123

7. (a) Explain using examples the control methods for protozoa. [7 marks]
(b) Describe the morphology of tapeworm. [5 marks]
(c) Discuss anthelmintic resistance. [3 marks]
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