

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESITS/SPECIAL EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

ANHE 0123: PARASITOLOGY

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 29/8/2023

2.30 P.M. – 4.30 P.M.

Instructions: Answer ALL questions in Section A and any two in section B

SECTION A (30 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. 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)
3. a. Enumerate the conditions favoring parasitosis. (7 Marks)
b. Name three important genera of soft ticks. (3 Marks)

SECTION B (40 MARKS)

4. a. Describe the effects in external parasitism on the host. (7 Marks)
b. Discuss the control of *Glossina* flies (Tsetse flies). (5 Marks)
c. Explain how parasites reach the host and establish themselves in the host. (8 Marks)

- 5. a. Write short notes on symbiosis. (10 Marks)
 - b. Discuss the morphology, importance and control of Lice. (10 Marks)
 - 6. a. Explain using examples the control methods for protozoa. (7 Marks)
 - b. Describe the morphology of tapeworms. (5 Marks)
 - b. Explain the taxonomic classification of parasites. (5 Marks)
 - b. Discuss antihelminthic resistance. (3 Marks)
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