

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
AGRICULTURAL EDUCATION AND EXTENSION**

ZOOL 240: GENERAL PARASITOLOGY

STREAMS: Y2S2

TIME: 2 HOURS

DAY/DATE: FRIDAY 12/04/2019

8.30 A.M – 10.30 A.M

INSTRUCTIONS

- **Answer all questions in section A and any other TWO in section B**

SECTION A (30 MARKS)

1. Outline parasites needs that are met by the host. [5 marks]
2. Describe the lifecycle of *Giardia lamblia*. [5 marks]
3. Outline the methods used in the prevention and control of hookworms. 5 marks]
4. Describe pathological manifestation of nagana. [5 marks]
5. Explain the diagnosis and treatment of *Bancroftia filariasis*. [5 marks]
6. Name the vector responsible for the transmission of the following parasitic diseases.

[5

marks]

- (a) Leishmaniasis
- (b) Paragonimiasis
- (c) Plasmodium infections
- (d) Trypanosomiasis
- (e) Onchocerciasis

SECTION B (40 MARKS)

7. (a) Describe the transmission and life cycle of *Schistosoma haematobium*. [10 marks]
(b) Discuss the prevention and control methods for Schistosomiasis. [10 marks]

8. Using suitable examples, describe the role of various types of vectors involved in the transmission of parasitic infections. [20 marks]
 9. Discuss the factors that predispose humans to common intestinal protozoan parasitic infections. [20 marks]
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