

JOUST
UNIVERSITY EXAMINATION
MAY – AUG. 2013
HDC 2114 INTRODUCTION TO MEDICAL ENTOMOLOGY /
PARASITOLOGY DIPLOMA IN COMMUNITY HEALTH AND
DEVELOPMENT

INTRODUCTION:

- ANSWER ALL QUESTIONS IN SECTION A AND TWO IN SECTION B

SECTION A: 40 MARKS

1. Differentiate between anautogenous and autogenous development of eggs in the gonotrophic cycle of Anopheline mosquito. (6 marks)
2. Describe the abdomen of anopheline mosquito after taking a blood meal from a Host. (4 marks)
3. Describe the habitat of a housefly. (6 marks)
4. Explain the common ways of acquiring *Ascaris lumbricoides* into our body system. (4 marks)
5. (a) List four important species of Tsetse flies. (4 marks)
(b) Describe the feeding habits of a Tsetse fly. (6 marks)
6. Write short notes on the following organisms.
(a) *Plasmodium*. (5 marks)
(b) *Trypanosoma* (5 marks)

SECTION B: (30 MARKS)

7. (a) Describe the oviposition of a mosquito. (10 marks)
(c) How does human behavior help in transmitting malaria? (10 marks)
8. Helminthic diseases are a problem of poor sanitation. Discuss. (15 marks)
9. Discuss Health Education under the control and prevention of *Ascaris Lumbricoides*. (15 marks)