COURSE CODE: HCD 1112
COURSE TITLE: INTRODUCTION TO INVERTEBRATES OF MEDICAL IMPORTANCE
DATE: EXAM SESSION:
TIME: 1.30 HOURS

Instructions:
1. Answer all the questions in Section A and 2 questions in Section B.
2. Candidates are advised not to write on the question paper.
3. Candidates must hand in their answer booklets to the invigilator while in the examination room.
SECTION A

1. Outline three groups of protozoa based on theirs modes of locomotion.  

2. State three clinical features of Cryptosporidiasis.  

3. Define the following term:  
   i) Vector  ii) Falatulance  iii) Proksryote  

4. State the three possible outcomes when a parasite is introduced in a host.  

5. State three direct effect a parasite has on a host.  

6. State three ways in which parasitic protozoa can be transmitted.  

7. State the causative agents for the following diseases:  
   i) Malaria  ii) Toxoplasmosis  iii) Trichomoniasis  

8. State three ways by which flies can transmit diseases.  

9. State three characteristics of cestodes.  

10. State three preventive measures of taeniasis.  

SECTION B

1. i. Sitng relevant examples to parasitology, discuss the ecological associtaions.  
    ii. distiguish between flat worms and round worms.  

2. a) Discuss the importance of the Life cycle of parasites in medical parasitology. (8marks)  
    b) Discuss the life cycle of plasmodium in human host. (12 marks)  

3. With examples, discuss ten types of parasites. (20marks)  

4. Discuss *Taenia saginata* under the following sub headings:  
   i. Life cycle (10marks)  
   ii. Clinical features (5marks)  
   iii. Prevention and control (5marks)