



DATE: 17th January 2009

TIME: 1.00 P.M. - 3.30 P.M.

ANSWER ANY FOUR (4) QUESTIONS.
ILLUSTRATE ANSWERS WITH LABELLED DIAGRAMS WHERE NECESSARY.

1. Using suitable examples, discuss the different strategies that parasites use to succeed in their special mode of life.

2. Compare and contrast each of the following:
 - (i) Life cycles of the orders Psuedophyllidea and Cyclophyllidea.
 - (ii) Morphology of the *Necator americanus* and *Ancylostoma duodenale* adults.

3. Write a concise account on the measures currently available for the control of parasitic infections.

4. *Plasmodium* requires a vertebrate host and a mosquito to complete its development cycle. Expand on this statement.

5.
 - i) Illustrate the life cycle of *Clonorchis sinensis* using a detailed line diagram.
 - ii) Distribution of clonorchiasis depends chiefly on the dietary habits and food preparation methods of a community. Justify this statement.
 - iii) Highlight the distinctive features that differentiate the life cycle of *Schistosoma* from that of *Clonorchis*.

6. Write short notes on any three (03) of the following.
 - a) *Pediculus humanus*
 - b) Transmission of enterobiasis
 - c) Effects of an *Ascaris* infection on human
 - d) Scabies
 - e) Laboratory diagnosis of bancroftian filariasis
