



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA
Third Examination for Medical Degrees – Part 1
November 2005
PARASITOLOGY

Monday 28th November, 2005

10.30 am to 12.30 pm (2 hours)

Answer all four questions.

Illustrate your answers with labelled diagrams, wherever necessary.

1. A 35 year old mother with a 6 week old baby presented to the women's clinic at Sooriyawewa MOH office. She complained of having severe headache, fever on and off with chills and severe vomiting of two days duration. During the first trimester of her pregnancy she has had an attack of vivax malaria.
 - 1.1 Describe the parasitological and pharmacological bases for the above clinical presentation. (50 marks)
 - 1.2 How would you manage this patient? (50 marks)
2.
 - 2.1 Discuss the advantages and disadvantages of laboratory diagnostic methods available in lymphatic filariasis. (50 marks)
 - 2.2 Write an account on "parasitic liver abscess". (50 marks)
3. As a medical officer, what advice would you give in the following scenarios?
 - 3.1 Repeated complaints from residents in Kalutara regarding a rising trend in mosquito bites at night. (35 marks)
 - 3.2 A care-giver of a six year old girl from an orphanage having perianal itching. (35 marks)
 - 3.3 A pregnant mother having frothy yellowish vaginal discharge. (30 marks)
4. Write on
 - 4.1 Parasitic infections acquired from dogs in Sri Lanka. (40 marks)
 - 4.2 Prevention and control of soil transmitted helminthic disease in Sri Lanka. (60 marks)

