



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA, GALLE
Third Examination for Medical Degrees – Part 1
December 2010
PARASITOLOGY – Paper II

Monday 6th December, 2010

10.30 am to 12.30 pm
(2 hours)

Answer all four questions
Illustrate your answers with labeled diagrams wherever necessary

1.
 - 1.1 Describe the differences between current management of vivax and falciparum malaria in Sri Lanka. (50 marks)
 - 1.2 Describe the parasitological and pharmacological bases of combined treatments used in anti-filarial MDAs. (50 marks)

2. Write short-notes on
 - 2.1 Management of pediculosis. (35 marks)
 - 2.2 Prevention of amoebiasis. (35 marks)
 - 2.3 Control of cutaneous leishmaniasis. (30 marks)

3. A 25-year old female school teacher has noticed enlarged painful lymph nodes over the right inguinal region. She also experienced pain in the medial aspect of the thigh with red colour streaks in the skin. Later she developed tender reddish oedematous skin over the right ankle region. On recovery she had noticed peeling of skin over the affected part of the limb. At present she is having pitting oedema over the right ankle region.
 - 3.1 Identify the morbidities associated with the above case scenario. (20 marks)
 - 3.2 Describe the pathology of pitting oedema over the right ankle joint, in this patient. (40 marks)
 - 3.3 Describe the management of the above patient. (40 marks)

4. Describe briefly
 - 4.1 Management of *Naja naja naja* bite. (50 marks)
 - 4.2 Diagnosis of intestinal nematode infections. (50 marks)
