

UNIVERSITY OF JAFFNA SRILANKA

SECOND EXAMINATION FOR MEDICAL DEGREES PART 1 – SEPTEMBER 2010

PARASITOLOGY

Date: 28 .09. 2010

Time allowed: 2 hours

Answer all **Four** questions

Each question carries 100 marks.

Illustrate your answers with labeled diagrams wherever appropriate

1)

- 1.1 Describe the life cycle of *Plasmodium falciparum* (50 marks)
- 1.2 How would you confirm *P. falciparum* infection in the Laboratory (40 marks)
- 1.3 List the complications of *falciparum* malaria (10 marks)

2) How would you diagnose the following conditions (including history taking, clinical examination, sample collection and laboratory diagnosis)

- 2.1 Hepatic amoebiasis (50 marks)
- 2.2 Cutaneous leishmaniasis (50 marks)

3)

- 3.1) Briefly describe the mode of transmission of nemathelminthes (50 marks)
- 3.2) How would you prevent and control cutaneous larvae migrans (50 marks)

4) Write short notes on

- 4.1 Scabies (50 marks)
- 4.2 Mosquito control with reference to *Aedes* species (50 marks)