

UNIVERSITY OF JAFFNA, SRI LANKA

SECOND EXAMINATION FOR MEDICAL DEGREES PART I (2nd Re-repeat) March 2015

Medical Parasitology

Date : 24.03.2015

Time allowed: 2 hour

Answer all **four** questions

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1.
 - 1.1 Outline the life cycle of *Plasmodium falciparum*. (50 Marks)
 - 1.2 How would you morphologically differentiate *Plasmodium falciparum* from *Plasmodium vivax*. (30 Marks)
 - 1.3 List the complications caused by *Plasmodium falciparum* (20 Marks)

 2.
 - 2.1 Briefly describe the major clinical features and the mode of transmission of cutaneous leishmaniasis in human. (40 Marks)
 - 2.2 How would you collect the sample and confirm the diagnosis of the above infection? (40 Marks)
 - 2.3 How the patients are treated for the above condition in Sri Lanka? (20 Marks)

 3. Outline the mode of transmission, life cycle, and the control of the following parasitic infestations
 - 3.1 *Ascaris lumbricoides* (50 Marks)
 - 3.2 *Taenia solium* (50 Marks)

 4. Write short notes on the following
 - 4.1 Scabies (35Marks)
 - 4.2 Cobra envenomation (35 Marks)
 - 4.3 Louse infestations in human (30 Marks)