

UNIVERSITY OF JAFFNA, SRI LANKA

SECOND EXAMINATION FOR MEDICAL DEGREES (PART I) November 2014

Medical Parasitology

Date : 11.11.2014

Time allowed: 2 hour

Answer all **four** questions

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1. Control of *Aedes* mosquito is a challenging issue when compare with the control of other mosquito species in Sri Lanka.
 - 1.1 Justify the above statement. (50 Marks)
 - 1.2 Propose a suitable control strategy to overcome the above challenges. (50 Marks)
 2.
 - 2.1 Briefly describe the life cycle, major clinical features and the mode of transmission of *Trichomonas vaginalis* infection in human. (40 Marks)
 - 2.2 How will you confirm the above infection in females? (25 Marks)
 - 2.3 State the measures you will take to prevent the spreading of this infection to others? (35 Marks)
 3.
 - 3.1 Outline the life cycle of *Enterobius vermicularis*. (30 Marks)
 - 3.2 How the above life cycle differs from that of *Necator americanus*. (40 Marks)
 - 3.3 State the major clinical signs and symptoms **help in the clinical** diagnosis of *Enterobius vermicularis* infestation. (10 Marks)
 - 3.4 Briefly outline the method of sample collection and the steps involved in the laboratory diagnosis of *Enterobius vermicularis* infestation (20 Marks)
 4. Write short notes on the following
 - 4.1 Cutaneous larva migrants (25 Marks)
 - 4.2 Amoebic dysentery (25 Marks)
 - 4.3 Periodicity of microfilaria (25 Marks)
 - 4.4 Local effects of venomous snake bites in Sri Lanka. (25 Marks)