



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES
SECOND YEAR SECOND SEMESTER EXAMINATION -AUGUST 2016

MLSMP 2215 MEDICAL PARASITOLOGY

PAPER II

Date: 10.08.2016

Time: 2 Hours

ANSWER ALL FOUR QUESTIONS

1. Name the causative organism, mode of spread and the laboratory diagnosis of the following conditions
 - 1.1. Enterobiasis (25 marks)
 - 1.2. Ascariasis (25 marks)
 - 1.3. Cutaneous Leishmaniasis (25 marks)
 - 1.4. Lymphatic filariasis (25 marks)

2. Briefly describe the following aspects regarding the hook worm infection in human
 - 2.1. Life cycle of the parasite (25 marks)
 - 2.2. Pathogenesis and clinical features (25 marks)
 - 2.3. Laboratory diagnosis (25 marks)
 - 2.4. Prevention and control (25 marks)

3.
 - 3.1. Describe the preparation of blood film for the microscopic examination of malaria. (30 marks)
 - 3.2 List the morphological differences between *Plasmodium vivax* and *P. falciparum* (40 marks)
 - 3.3 Outline the procedure for the diagnosis of diarrhoea caused by *Entamoeba histolytica* in the laboratory (30 marks)

4. Write short notes on

4.1. Sedimentation methods in stool analysis (25marks)

4.2. *Taenia solium* (25 marks)

4.3. Stool preservatives (25 marks)

4.4. Viper envenomation (25marks)