



UNIVERSITY OF JAFFNA, SRI LANKA

SECOND EXAMINATION FOR MEDICAL DEGREES - PART 1 (2nd) July- 2012

Parasitology

Date : 17.07.2012

Time allowed: 2 hours

Answer all **four** questions

1. 1.1. 1 Briefly describe the Life cycle of *Plasmodium vivax*. (60 Marks)
- 1.2. Briefly describe the morphological differences between *P.falciparum* and *P.vivax* in the different stages of the life cycle. (40 Marks)
2.
 - 2.1 Name **TWO** nematodes transmitted by **each** of the following methods.
 - 2.1.1 Faeco-oral transmission (10 Marks)
 - 2.1.2 Skin penetration (10 Marks)
 - 2.1.3 Autoinfection (10 Marks)
 - 2.1.4 Vector bite (10 Marks)
 - 2.2 Propose a suitable control strategy to prevent the parasitic infestation for **each** of the above mention modes. (60 Marks)
3. 30 year old farmer awakened at 2 am with abdominal pain. After 30 minutes he was admitted to the hospital. At the time of admission he was breathless and had blurred vision and ptosis.
 - 3.1. Name the most likely snake that could have been responsible for the above. (10 Marks)
 - 3.2. Briefly describe the reasons for the above conclusion. (20 Marks)
 - 3.3. State the first aid measures for snake bite. (20 Marks)
 - 3.4 Write the health education to be given for the prevention of snake bite. (50 Marks)
4. Write short notes on the following
 - 4.1. Amoebiasis (50 Marks)
 - 4.3. *Aedes* mosquitoes (50 Marks)