

**SECOND EXAMINATION FOR MEDICAL DEGREES -PART 1 (2<sup>nd</sup>) 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* (40 Marks)  
         and *P. vivax* in the different stages of the life cycle.
  
- 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)
  32.    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)