



Examination for Master Degree of  
Tropical Medicine  
Course Title: Medical Parasitology  
Date:16-8-2016  
Time Allowed: 1.5 hours  
Total Assessment Marks: 30 MARKS

Tanta University  
Faculty of Medicine  
Department of  
Parasitology

**The following questions must be answered:**

**8 marks**

**I. Give an account on:**

- 1- Life cycle of *Leishmania donovani* in man.
- 2- Medical importance of lice.
- 3- Clinical manifestations and complications of urinary schistosomiasis

**II. Case Study:**

**6 marks**

An eight-year-old previously healthy child was referred to Tanta University Hospital with a 2-day history of high-grade fever, severe headache, vomiting, neck rigidity and seizures. His mother gave a history of returning from a swimming creation resort. He was comatose with a fixed and dilated left eye pupil. MRI showed basal meningeal enhancement. CSF analysis showed low glucose, high protein level and lymphocytic pleocytosis. Gram stain and latex agglutination (LA) test results were negative for bacteria. A wet film of CSF showed motile protozoal stages (10-16  $\mu\text{m}$  in length).

- 1- What is the provisional parasitic diagnosis and the causative parasite?
- 2- How could such disease be treated?
- 3- Mention four parasites that can cause lesions in the central nervous system.

**III. Give the reason(s) for:**

**6 marks**

- 1- Iron deficiency anaemia in parasitic infections
- 2- Infection with *Taenia solium* can be very dangerous.
- 3- High epidemiology of *Cryptosporidium* species infection.

(TOP)



**Tanta University**  
**Faculty of Medicine**  
**Department of physiology**

**Examination for (MD Tropical)**

**Course code: TROP 9001**

**Course title: Physiology**

**Time allowed:**

**Total assessment marks: 100**

**Date: 13/8/2016**

**Term: Final**

**Three hours**

**All the questions are to be answered:**

**Discuss the following :**

- 1- Hepatic and portal circulations in the liver and factors affecting them with special reference to the portal hypertension. (50 marks)
  
- 2- Normal and abnormal motilities of gastrointestinal tract. (50 marks)