



Examination for Diploma 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 μm 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)

IV. Choose the correct answer:

10 marks

1. The following helminths can be transmitted by fish, except:
 - a. *Heterophyes heterophyes*
 - b. *Capillaria philippinensis*
 - c. *Fasciolopsis buski*
 - d. *Clonorchis sinensis*

2. The infective stage in hook worms is:
 - a. Four-cell stage egg
 - b. larvated egg
 - c. rhabditiform larva
 - d. filariform larva

3. The following parasites can cause skin lesions except:
 - a. *Paragonimus westermani*
 - b. *Strongyloides stercoralis*
 - c. *Ascaris lumbricoides*
 - d. *Dracanculus medinensis*

4. Hepatosplenomegaly is one of the manifestations in the following diseases except:
 - a. Bilharziasis
 - b. Malaria
 - c. visceral leishmaniasis
 - d. Trichinosis

5. Romana's sign is manifested in:
 - a) Malaria
 - b) Filariasis
 - c) Chagas' disease
 - d) Kala-azar

6. The immature stage of arthropods in incomplete metamorphosis is the:
 - a) Nymph
 - b) Larva
 - c) Adult
 - d) Pupa

7. Tick paralysis is due to:
 - a) neurotoxins
 - b) transmission of *Babesia*
 - c) transmission of *Coxiella*
 - d) transmission of Arbo-virus

8. The following are anti-protozoal drugs except:
 - a) Metronidazole
 - b) Pyrimethamine
 - c) Pentamidine
 - d) Praziquantel

9. The following are opportunistic parasites except:
 - a) *Sarcoptes scabiei*
 - b) *Entrobilus vermicularis*
 - c) *Strongyloides stercoralis*
 - d) *Toxoplasma gondii*

10. Heterophyiasis can be complicated by:
 - a. Bleeding per rectum
 - b. Cardiac infarction
 - c. Cholecystitis
 - d. Vitamin B12 deficiency

Head of Medical Parasitology Department
Prof. Dr. Samy I. El-Kowrany

Prof. Dr. Samy El-Kowrany

Best wishes

ملحوظه :
الامتحانات الصفوية والعملية
بالقسم يوم السبت ٢٠١٦/٨/٢٠

Examination for Diploma Degree in: Tropical medicine
Course Title:TROP 7003
Date: 13/8/2016
Term: 2 / 2016
Time Allowed: ONE hour
Total Assessment Marks: 30



Tanta University
Faculty of Medicine
Department of:Pathology

Questions Number		Marks
Give an account on		
• Q1-	Ulcers of the intestine.	10
• Q2-	Oncogenic viruses	10
• Q3 -	Causes of hepatomegaly.	10

امتحان الشفوى يوم ٢٠١٦/ ٨/٢٢ الساعة الحادية عشر صباحا

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

Examination for (Diploma Tropical medicine)

Course title: Physiology

Total assessment marks: 30

Date: 15/8/2016

Term: Final

Course code: TROP7001

Time allowed:

Physio+Bio

Three hours

All the questions are to be answered:

1- Discuss: Hypoxia and cyanosis. (10 marks)

2- Discuss the following :

a. Phases of deglutition and its disorders. (10 marks)

b. Factors affecting Erythropoiesis. (10 marks)

إمتحان الشفهي يوم الأحد الموافق 2016 /8/21 في قسم الفسيولوجي