

جامعة طنطا

كلية الطب

قسم الميكروبيولوجيا الطبية و المناعة

Examination of microbiology and immunology for diploma degree of public health

Date:3-4-2016

1-Give an account on:(13 marks)

- a-bacterial spore
- b- alpha and beta interferon
- c- Type IV hypersensitivity reaction

2-Enumerate organisms responsible for bioterrorism and discuss one of them in details.(10 marks)

3-Give an account on gram positive anaerobic organisms responsible for food poisoning .(10 marks)

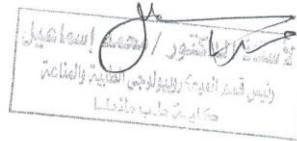
4-60 years old man with HIV antibodies positive , with persistent headache, low grade fever for 2 weeks, examination of the spinal fluid revealed budding yeast with wide capsule . mention the causative organism, clinical picture, laboratory diagnosis, and treatment.(6marks)

5-Discuss the important properties ,mode of transmission , pathogenesis , prevention and treatment of rabies .(6marks).

امتحان الشفوى و العملى بالقسم ١٣-٤-٢٠١٦

رئيس القسم

د. محمد اسماعيل





Examination for Diploma In  
Public health  
Course Title: Medical Parasitology  
Date:3-4-2016  
Time Allowed: 1.5 hours  
Total Assessment Marks: 45 Marks

Tanta University  
Faculty of Medicine  
Department of Parasitology

**The following questions must be answered:**

**I- Mention four parasites transmitted by *Musca domestica*. Discuss the clinical picture, treatment and control of two of them endemic in Egypt. (15 marks)**

**II- Write a short account on: (9 marks)**

- Control of Cyclops.
- Clinical presentation and complications of schistosomiasis haematobium.
- Cutaneous larva migrans (Causative parasites and clinical manifestations).

**III- Give the reason(s) for: (6 marks)**

- Malaria is superior to Paris green in control of aquatic stages of mosquitoes.
- Dysentery in *Plasmodium falciparum* infection.
- Consumption of raw liver is hazardous.

**IV- Case:**

A 48-year-old patient works in a pig farm. He was complaining of bloody diarrhea for one week. Stool examination revealed a large protozoan. Colonoscopy showed colonic ulcerations. (15 marks)

- What are the possible causative parasite and its infective stage?
- Discuss the relation between the occupation of this patient and his presenting disease.
- Discuss the treatment and control of this parasitic infection.
- Mention other three parasites transmitted by pigs.

برجاء مراجعة القسم لمعرفة مواعيد الامتحانات الشفهية و العملية

Head of Medical Parasitology Department

Prof. Dr. Sami El-Kowrany

*Prof. Sami El-Kowrany*

Best wishes