

Mansoura university

Faculty of Medicine

Ph.D.Parasitology

First Paper: Protozoology and Entomology

Date:- 7-5-2009

Time allowed:- 3 hours

Answer All Questions:-

I. 1- Enumerate the arthropodes and Protozoal Parasites in human eye and mention the methods of infection and methods for diagnosis. (15 degree)

2- Discuss the immune effector mechanisms occurring during malaria mfection (10 degree)

3- Enumerate the cyst – Producing coccidia . compare the ultrastructures, infective stages to man and mention one reliable method of diagnosis for each . (15 degree)

II. Write Short notes on . (30 degree)

1- Amoeba as reservoir host of disease Pathogens.

2- Host location by arthropodes .

3-Maggot therapy.

4- Media used for Protozoan culture .

5- Mixed Plasmodial infections .

III Give an account on . (30 degree)

1- Isofillar microsporidia .

2- Lytic factors associated with Entamoeba histolytica .

3- Arthropode endosymbiotic bacteria .

4- Methods of Protozoan multiplication .

5- Third generation insecticides .

GOOD LUCK

Mansoura university
Faculty of Medicine
Parasitology depart.

14-5-2009
Time:- 3 hours

M.D. Parasitology

Second Paper:- Helmenthology and Malacology.

Answer all questions:-

- 1- Postulate a research design to solve clinical and epidemiological Problems in Trichinosis.
- 2- Helmenths and cardio –vascular diseases(enumerate, infective stages and pathology).
- 3- Write on :-
 - a- Tongue Worm .
 - b- Rodents as revervoir hosts of zoonotic intestinal helmenths.
 - c- Factors that play a role in the bionomics of snails.
 - d- Tropical Pulmonary eosinophilia.
 - e- Rhabditiform larvae in stool samples.

MANSOURA UNIVERSITY,
FACULTY OF MEDICINE,
MEDICAL PARASITOLOGY DEPARTMENT

MASTER DEGREE OF CLINICAL PATHOLOGY
(FIRST PART)
PARASITOLOGY EXAMINATION

Time Allowed : 2 hr.

Date : April 14, 2008

- ANSWER ALL QUESTIONS.

1. Enumerate the parasitic diagnostic stage(s) which may be found in the following diagnostic materials :
 - a. Sputum.
 - b. Vaginal secretions.
 - c. Duodenal contents.
 - d. Blood.
 - e. Bone marrow and skin aspirates.
 2. Mention the value of the following diagnostic methods :
 - a. Agar plate culture technique.
 - b. Erlenmeyer's flotation method.
 - c. Acid-fast stain.
 3. Name the quality control measures followed for examination of sputum and blood films for parasitic infections.
 4. Write an account on :
 - a. Diagnostic stage(s) and diagnostic material(s) of scabies, vaginal trichomoniasis, schistosomiasis *mansoni* and kala-azar.
 - b. Oocysts in a human stool sample (draw).
 - c. Trophozoites in CSF.
 - d. Types of parasitic tropism with an example for each.
-