



Mansoura University

Faculty of Pharmacy

Department of Microbiology

Tuesday June 8, 2010

Time allowed 1 hour

Parasitology-Final Exam.

For Clinical Pharmacy Program

Course code: MD 406

Level (2) Semester (4)

All questions MUST be attempted

I) In a tabular form, mention the diagnostic stage, infective stage, symptoms, prevention and treatment of the following parasites (with drawing): **(25 Marks)**

- a. *Enterobius vermicularis*
- b. *Ancylostoma duodenale*
- c. *Fasciola hepatica*
- d. *T. saginata*
- e. *S. mansoni*

II) Supply the missing word(s) in the following statments:

(11 Marks)

1. The habitat of *Wuchereria bancrofti* is(a).....and that of *Trichuris trichiura* is(b).....
2. Halzoun is a condition occurs when ... (c)while pipestem liver known as ... (d)
3. Sparganosis is.....(e)....., while cysticercosis is.....(f).....
4. The scolex of pork tapeworm is different from the scolex of beef tapeworm by the presence of(g).....
5. Toxoplasmosis can be treatment by(h).....
6. Male lice abdomen ends by(i).....
7. Pyrantel pamoate is used for treatment of(j).....
8. The definitive host of *Echinococcus granulosus* is.....(k).....

III) Choose the best correct answer:

(8 Marks)

1. The cystic stage of the tapeworm *Echinococcus granulosus* is called:
a- Hydatid b- Cysticercoid c- Proceroid d- Polycercus
2. The definitive diagnosis of ascariasis can be made by finding:
a- Gametocytes. x b- Eggs. c- Cysts. x d- Proglottids. x
3. The following intestinal nematodes are infective to man in the egg stage except:
a- *Enterobius vermicularis* b- *Trichuris trichiura*
c- *Ascaris lumbricoides* d- *Trichinella spiralis*
4. The following parasites may result in hyperchromic anemia:
a- *Fasciola hepatica*. b- Hook worm.
c- *Ascaris lumbricoides*. d- All the mentioned above.

IV) Give the mode of infection of the following diseases:

(6 MARKS)

1. Pediculosis
2. Toxoplasmosis
3. *Trichomonas vaginalis*

GOOD LUCK