



South valley University



Faculty of Medicine

Medical Parasitology

Date: 24/1/2016

Time: 2 hours

Total marks: 32

3rd year Medical Parasitology

Answer the following questions; illustrate your Answers with **DIAGRAMS:**

1-Mention 4 different parasites causing hepatomegaly with their infective and diagnostic stages, then discuss briefly clinical picture for one of them. (8 marks)

2-write short account on the following:

A- Disseminated strongyloidiasis

B- Types of hosts (10marks)

3-Complete: (4marks)

a. The main complaint in case of *Enterobius vermicularis* is, while best way to diagnose it is

b. Infective stages of *Cappillaria philippinensis* is....., while diagnostic sage is.....

c. 2 main differences between *Taenia saginata* and *T.solium* are..... and.....

d. Intermediate host of *Dracunculus medinensis* is, while infective sage is

- e. Fish can transmit and
.....`
 - f. Infective stage of *Ascaris lumbricoid*
is..... while diagnostic stages
are.....
-

After playing bare footed in cultivated field an Egyptian child suffered from itching and papules in his feet, followed by pallor and symptoms of malnutrition:

(5 marks)

A-What the causative parasite for this case

B-Mention infective stage and mode of infection for this parasite.

C- Mention the mechanism of anemia.

MCQs:

(10 marks)

1. Whip worm is:
 - a. *Ascaris lumbricoids*
 - b. *Heterophyes heterophyes*
 - a. *Trichuris trichura*
 - b. *Enterobius vermicularis*

2. Bachman's test is used in diagnosis of:
 - a. *Trihinella spiralis* infection.
 - b. Visceral larva migrans
 - c. Cutaneous larva migrans.
 - d. Chagas' disease.

3. *Lymnoea caillaudi* is a snail intermediate host of:
 - a. *Fasciola hepatica*.
 - b. *Hymenolepis nana*.
 - c. *Fasciola gigantica*.
 - d. *Capillaria hepatica*.

4. All the following are correct about cestodes except:
 - a. Ribbon shaped.
 - b. All are hermaphrodite.

- c. Has separate sex
 - d. No alimentary canal.
- 5. In visceral larva migrans the following are correct except:
 - a. Infective stage is embryonated egg.
 - b. High eosinophilia.
 - c. Causative parasites are *Toxocara canis* and *Toxocara cati*.
 - a. Diagnostic stage is immature egg.
- 6. All the following parasites live in small intestine except:
 - a. *Diphyllobothrium latum*.
 - b. *Ancylostoma duodenale*.
 - c. *Enterobius vermicularis*
 - d. *Hymenolepis nana*.
- 7. Halzoon is caused by:
 - a. Juvenile Fasciola sp.
 - b. Linguatula serrata.
 - c. Bird schistosomes.
 - d. Both a., b.
- 8. Soil can infect humans with parasites like
 - a. *Schistosoma sp.*
 - b. *Dicrocoelium dendriticum*.
 - c. *Diphyllobothrium latum*.
 - d. *Ancylostoma duodenale*.
- 9. Water can infect humans with parasites like
 - a- *Hymenolepis nana*.
 - b- *Fasciola gigantica*.
 - c- *Capillaria hepatica*.
 - d- *Schistosoma sp.*
- 10. Infection of the following parasites may be associated with cough EXCEPT:
 - a- *Dicrocoelium dendriticum*.
 - b- *Diphyllobothrium latum*.
 - c- *Ancylostoma duodenale*.
 - d- *Hymenolepis nana*.

Good Luck