



Parasitology examination for 1st year Nursing Students

I- Enumerate (2) parasites causing dysentery. Mention the mode of infection and draw the infective stage. (6 marks)

II- Mention one parasite causing the following clinical picture. Mention and draw the diagnostic and infective stage of each parasite. (6 marks)

- a- Skin ulcer.
- b- Haematuria.

III- Give short account on:

(3 marks)

- a- Intermediate host (Definition, example).
- b- Winterbottom sign (Definition, parasitic cause).
- c- Cysticercosis (Definition, mode of infection).

IV- Choose the correct answer of the following:

(10 marks)

1- Autoinfection is seen with the following parasites except

- a) *Entamoeba histolytica*. b) *Ascaris lumbricoides*.
c) *Entrobium vermicularis*. d) *Taenia solium*.

2- In *Trichomonas vaginalis* infection:

- a) Is caused by protozoan parasite. b) The infective stage is the trophozoite.
c) Causes vaginal discharge in females. d) May infect males. e) All of them.

3- Casoni's test is used for the diagnosis of:

- a) Taeniasis b) Hydatid disease.
c) Trichuriasis d) Malaria.

4- Liver abscess is a complication of infection with

- a) *Giardia lamblia* b) *Entamoeba histolytica*
c) *Toxoplasma gondii* d) *Hymenolepis nana*

5- Sand fly is the vector of

- a) *Leishmania*. b) *Plasmodium vivax*.
c) *Wuchereria bancrofti*. d) *Ascaris lumbricoides*

6- All trematodes are hermaphrodites except

- a) *Fasciola spp.* b) *Schistosoma spp.* c) *Heterophyes heterophyes*.
d) Non of the above

7- The control of *Trichuris trichiura* is by

- a) Sanitary disposal of faeces. b) Education. c) Treatment. d) All the them.

8 - Parasite, which found in abnormal host is called

- a) Obligatory parasite. b) Erratic parasite c) Accidental parasite d) Opportunistic parasite

9- Diagnosis of lymphatic filariasis is made by finding

- a) Egg. b) *Microfilaria*. c) Cyst. d) Trophozoite.

10- Malaria infection can be transmitted by

- a) Bite of infected female anopheles mosquito. b) Blood transfusion.
c) Vertical transmission through placental defect. d) All of the above.

V- Write (T) for true and (F) for false:

(5 marks)

1. Intestinal obstruction is caused by heavy infection of ascariasis.
2. Water is an important source of parasitic infection.
3. Rectal prolapse is caused by *Entrobium vermicularis*.
4. Ecto parasites live on the outer surface of the host.
5. *Taenia solium* is more dangerous than *Taenia saginata*.
6. *Glossia spp.* (Tse Tse) is the vector of Giardiasis
7. Halzoun is caused by eating infected raw fish.
8. Blood examination used for diagnosis of malaria and filaria.
9. *Hymenolepis nana* is common in children.
10. NIH swab is used for diagnosis of *Ancylostoma duodenale*.

Good Luck

Staff Members

Oral exam will be held after the written exam at 12 O'clock