

**PARASITOLOGY**  
**2021-2022**

**PROTOZOANS**

**I: Essay questions (15 marks)**

1. Describe Morphology, Life cycle, Pathogenicity and Laboratory diagnosis of *Entamoeba histolytica*.
2. Describe Morphology, Pathogenicity and Laboratory diagnosis of *Giardia lamblia*
3. What are the Malarial Parasites? Explain the pathogenesis of *Plasmodium falciparum*.
4. Write in detail about the etiology, pathogenesis, clinical course and complications of malaria.

**II: Write short notes on (5 marks)**

1. Key points of *Balantidium coli*.
2. Chagas Disease – Explain
3. Leishmaniasis
4. Life cycle and Pathogenicity of *Plasmodium falciparum*.
5. Importance of Examination of Stool.
6. Etiopathogenesis of Amoebiasis
7. Life cycle and Pathogenicity of *Entamoeba histolytica*
8. Pathogenesis and Lab Investigations of *Entamoeba histolytica*
9. Amoebic Liver Abscess – Describe in Detail.
10. Methods of transmission of Infection.
11. Write in detail about the Life Cycle and Pathogenicity of *Toxoplasma gondii*.
12. Toxoplasmosis.
13. *Leishmania donovani* life cycle and laboratory diagnosis.
14. Amoebic Dysentery.
15. Zoonotic Disease.

**III: Write short answers (2 marks)**

1. Mention different sources of Infection
2. Describe Sleeping Sickness
3. Name the Parasites present in the stool
4. Methods of transmission of Infection.
5. Explain Reduviid bug
6. Name the parasites present in peripheral blood smear.
7. Travellers Diarrhoea
8. Romana's Sign – Describe.

9. String Test.
10. Charcot Leyden Crystals
11. Intermediate Host – Define
12. Difference between Amoebic and Bacillary dysentery
13. Lab Diagnosis of Kala azar
14. Balantidium coli.
15. Black water fever
16. NNN Medium
17. Zoonosis
18. Parasites in Peripheral Blood Smear
19. Anchovy sauce

## **CESTODES**

### **I: Essay questions (15 marks)**

1. Describe Morphology, Pathogenicity and Laboratory diagnosis of *Taenia solium*
2. Describe Morphology, Pathogenicity and Laboratory diagnosis of *Taenia saginata*
3. Describe the Life cycle, Pathogenesis and Lab diagnosis of *Echinococcus granulosus*.

### **II: Write short notes on (5 marks)**

1. Hydatid Cyst and its Lab Diagnosis
2. Life cycle and Pathogenicity of *Taenia solium*
3. *Diphyllobothrium latum*

### **III: Write short answers (2 marks)**

1. Cysticercosis – Describe
2. *Cysticercus cellulosae*

## **TREMATODES**

### **I: Essay questions (15 marks)**

1. Describe the Life cycle, Pathogenesis and Lab diagnosis of *Schistosoma haematobium*

### **II: Write short notes on (5 marks)**

1. Lung fluke and its Pathogenicity
2. Blood fluke and its Pathogenicity
3. Liver fluke and its Pathogenicity

**III: Write short answers (2 marks)**

1. Schistosomiasis – Describe
2. Lung fluke

**NEMATODES**

**I: Essay questions (15 marks)**

1. Explain the Life Cycle, Pathogenesis, Diagnosis of HookWorm
2. Describe the Life cycle, Pathogenesis and Lab diagnosis of Ascaris lumbricoides.
3. Write the general characters of Nematodes. Describe the Life cycle, Morphology, Pathogenicity and Lab diagnosis of Ancylostoma duodenale.

**II: Write short notes on (5 marks)**

1. Pathogenesis of Pinworms
2. Cutaneous larval migrans.
3. Explain the Life Cycle and Pathogenicity of Wuchereria bancrofti.
4. Laboratory Diagnosis of Wuchereria bancrofti.
5. Laboratory diagnosis of Microfilaria.
6. Ascaris and its Pathogenicity.
7. Pathogenesis and Lab Investigations of Enterobiasis
8. Wuchereria bancrofti Life Cycle and Laboratory diagnosis.
9. Describe Life cycle and Pathogenicity of Ascaris lumbricoides.
10. Pathogenesis of Ancylostoma duodenale.
11. Pathogenesis of Hookworm
12. Life cycle of Enterobius vermicularis

**III: Write short answers (2 marks)**

1. Cyclopes – Describe
2. NIH Swab – Describe
3. Larval migrans
4. Loeffler's Syndrome