

THE SCHEDULE OF TUTORIALS - "PARASITOLOGY" COURSE
FOR FIRST-YEAR STUDENTS OF PHARMACY

No.	Topic	Date
1.	Protozoology part 1. Protozoa of the urogenital and digestive systems.	11.12.2026
2.	Protozoology part 2. Blood and tissue protozoa.	18.12.2016
3.	Flatworms. Parasites of the digestive and circulatory systems.	08.01.2027
4.	Nematodes. Parasites of the digestive and circulatory systems.	15.01.2027
5.	Medical arachnoentomology.	22.01.2027

Compulsory literature:

1. Parasitology for medical students (2nd edition). Buczek A. (editor), Koliber Lublin 2007

Additional literature:

1. Bhat S. Sastry A.S. Essentials of Medical Parasitology, JP Medical Publishers, 2018

Tutorial No. 1

Topic: PROTOZOOLOGY PART 1. PROTOZOA OF THE URINARY AND DIGESTIVE SYSTEMS.

1. THEORETICAL TOPICS – to be prepared by the student at home:

Protozoan infestations:

- *Trichomonas vaginalis*
- *Entamoeba histolytica*
- *Entamoeba coli*
- *Giardia lamblia* (*Lamblia intestinalis*)
- *Balantidium coli*

a) biology

b) occurrence

c) etiology, course of the disease, and symptoms

d) diagnosis and treatment

2. Microscopic analysis of selected specimens.

Tutorial No. 2

Topic: PROTOZOOLOGY PART 2. BLOOD AND TISSUE PROTOZOA

1. THEORETICAL TOPICS – to be prepared by the student at home:

Protozoan infestations:

- *Trypanosoma gambiense*
- *Plasmodium vivax*
- *Plasmodium falciparum*
- *Toxoplasma gondii*
- *Naegleria fowleri*
- *Leishmania donovani*
- *Trypanosoma cruzi*

a) biology

- b) occurrence
 - c) etiology, course of the disease, and symptoms
 - d) diagnosis and treatment
2. Microscopic analysis of selected specimens.

Tutorial No. 3

Topic: FLATWORMS. PARASITES OF THE DIGESTIVE AND BLOOD SYSTEM.

1. THEORETICAL TOPICS – to be prepared by the student at home:

Tapeworm and fluke invasions:

- *Fasciola hepatica*
- *Clonorchis sinensis*
- *Paragonimus westermani*
- *Schistosoma haematobium*, *S. mansoni*, *S. japonicum*
- *Diphyllobothrium latum*
- *Taenia saginata* (*Taeniarhynchus saginatus*)
- *Taenia solium*
- *Echinococcus granulosus*

- a) biology
 - b) occurrence
 - c) etiology, course of the disease, and symptoms
 - d) diagnosis and treatment
2. Microscopic analysis of selected specimens.

Tutorial No. 4

Topic: NEMATODES. PARASITES OF THE DIGESTIVE AND BLOOD SYSTEM.

1. THEORETICAL TOPICS – to be prepared by the student at home:

Nematode infestations:

- *Enterobius vermicularis*
- *Ascaris lumbricoides*
- *Trichuris trichiura*
- *Toxocara* sp.
- *Trichinella spiralis*
- *Wuchereria bancrofti*
- *Onchocerca volvulus*
- *Loa loa*

- a) biology
 - b) occurrence
 - c) etiology, course of the disease, and symptoms
 - d) diagnosis and treatment
2. Microscopic analysis of selected specimens.

Tutorial No. 5

Topic: MEDICAL ARACHNOENTOMOLOGY.

1. THEORETICAL TOPICS – to be prepared by the student at home:

Medical significance of selected arthropods:

- *Sarcoptes scabiei*
- *Ixodes ricinus*
- *Pediculus humanus*
- *Phthirus pubis*
- *Cimex lectularius*

- *Anopheles maculipennis*
- *Culex pipiens*
- *Glossina palpalis*
- *Pulex irritans*
- *Tunga penetrans*
- *Triatoma infestans*

a) biology

b) occurrence

c) etiology, course of the disease, and symptoms

d) diagnosis and treatment

2. Microscopic analysis of selected specimens.