

Questions for the subject Parasitology 1 School year 2024/25

In the oral exam, student draws out 5 questions from the following chapters:

1. Protozoans
2. Arthropods
3. Trematodes (flukes)
4. Cestodes (tapeworms)
5. Nematodes (roundworms) or Acanthocephalans (thorny headed worms)

The list of questions for the oral exam:

PROTOZOANS:

Fam. Trypanosomatidae (Genus *Trypanosoma*).
Fam. Trypanosomatidae (Genus *Leishmania*).
Fam. Giardiidae (Genus *Giardia*).
Fam. Trichomonadidae (Genus *Trichomonas*, *Tritrichomonas*, *Tetratrichomonas*, *Pentatrichomonas*).
Fam. Dientamoebidae (Genus *Histomonas*).
Fam. Entamoebidae (Genus *Entamoeba*).
Fam. Hepatozoidae (Genus *Hepatozoon*).
Fam. Eimeriidae (Genus *Eimeria*).
Fam. Eimeriidae (Genus *Isospora* (*Cystoisospora*), *Tyzzzeria*).
Fam. Cryptosporidiidae (Genus *Cryptosporidium*).
Fam. Sarcocystidae (Genus *Sarcocystis*).
Fam. Sarcocystidae (Genus *Toxoplasma*).
Fam. Sarcocystidae (Genus *Neospora*).
Fam. Babesiidae (Genus *Babesia*).
Fam. Theileriidae (Genus *Theileria*).
Fam. Balantidiidae (Genus *Balantidium*).
Fam. Myxobolidae (Genus *Myxobolus*).

ARTHROPODS:

Subclass Pentastomida (Genus *Linguatula*).
Fam. Sarcoptidae (Genus *Sarcoptes*).
Fam. Sarcoptidae (Genus *Notoedres*).
Fam. Cnemidocopidae (Genus *Cnemidocoptes*).
Fam. Psoroptidae (Genus *Psoroptes*).
Fam. Psoroptidae (Genus *Chorioptes*).
Fam. Psoroptidae (Genus *Otodectes*).
Fam. Demodicidae (Genus *Demodex*).
Fam. Cheyletidae (Genus *Cheyletiella*).
Fam. Ixodiidae (Genus *Ixodes*).
Fam. Ixodiidae (Genus *Haemaphysalis*).
Fam. Ixodiidae (Genus *Dermacentor*).
Fam. Ixodiidae (Genus *Rhipicephalus*).
Fam. Ixodiidae (Genus *Hyalomma*).
Fam. Ixodiidae (Genus *Margaropus*).
Fam. Argasidae (Genus *Argas*, *Ornithodoros*).
Fam. Dermanyssidae (Genus *Dermanyssus*).
Fam. Menoponidae (Genus *Menopon*).
Fam. Philopteridae (Genus *Gonioides*, *Goniocotes*).
Fam. Trichodectidae (Genus *Trichodectes*, *Felicola*, *Bcola*).
Fam. Haematopinidae (Genus *Haematopinus*).
Fam. Linognathidae (Genus *Linognathus*).
Fam. Cimicidae (Genus *Cimex*).
Fam. Triatomidae (Genus *Panstrongylus*, *Triatoma*, *Rhodnius*).
Fam. Pulicidae (Genus *Pulex*, *Xenopsylla*, *Ctenocephalides*).

Fam. Ceratophylladae (Genus *Nesopsyllus*, *Ceratophyllus*).
 Non-biting flies (Genus *Musca*, *Muscina*, *Fania*).
 Biting flies (Genus *Stomoxys*, *Haematobia*, *Liperosia*).
 Fam. Tabanidae (Genus *Tabanus*, *Haematopota*, *Hybomitra*, *Chrysops*).
 Fam. Hippoboscidae (Genus *Hipobosca*, *Lynchia*, *Melophagus*, *Lipoptena*).
 Fam. Calliphoridae (Genus *Calliphora*, *Lucilia*, *Cordylobia*, *Chrysomya*, *Cochliomyia*).
 Fam. Sarcophagidae (Genus *Sarcophaga*, *Wolfartia*).
 Subfam. Gasterophilinae (Genus *Gasterophilus*).
 Subfam. Oestrinae (Genus *Oestrus*, *Rhinoestrus*).
 Subfam. Hypoderminae (Genus *Hypoderma*).
 Fam. Simuliidae (Genus *Simulium*).
 Fam. Phlebotomidae (Genus *Phlebotomus*).
 Fam. Culicidae (Genus *Anopheles*, *Culex*, *Aedes*).
 Fam. Ceratopogonidae (Genus *Culicoides*).

TREMATODES (flukes):

Fam. Gyrodactylidae (Genus *GyGenusactylus*).
 Fam. Dactylogyridae (Genus *Dactylogyrus*).
 Fam. Notocotylidae (Genus *Catantropis*, *Notocotylus*).
 Fam. Dicrocoelidae (Genus *Dicrocoelium*).
 Fam. Opisthorchidae (Genus *Opisthorchis*, *Clonorchis*, *Metorchis*).
 Fam. Fasciolidae (Genus *Fasciola*, *Fascioloides*).
 Fam. Echinostomatidae (Genus *Echinochasmus*, *Echinostoma*, *Hypoderaeum*, *Echinoparyphium*).
 Fam. Paramphistomatidae (Genus *Paramphistomum*).
 Fam. Diplostomatidae (Genus *Alaria*).
 Fam. Schistosomatidae (Genus *Schistosoma*).

CESTODES (tapeworms):

Fam. Diphyllbothriidae (Genus *Diphyllbothrium*).
 Fam. Diphyllbothriidae (Genus *Spirometra*).
 Fam. Ligulidae (Genus *Ligula*).
 Fam. Mesocestoididae (Genus *Mesocestoides*).
 Fam. Anoplocephalidae (Genus *Anoplocephala*, *Paranoplocephala*).
 Fam. Anoplocephalidae (Genus *Moniezia*).
 Fam. Davaineidae (Genus *Davainea*, *Raillietina*).
 Fam. Dilepididae (Genus *Dipylidium*, *Joyeuxiella*).
 Fam. Hymenolepididae (Genus *Hymenolepis*).
 Fam. Taeniidae (Genus *Taenia*).
 Fam. Taeniidae (Genus *Hydatigera*).
 Fam. Taeniidae (Genus *Multiceps*).
 Fam. Taeniidae (Genus *Echinococcus*).

NEMATODES (roundworms)/ ACANTHOCEPHALANS (thorny headed worms)

Fam. Rhabditidae (Genus *Strongyloides*).
 Subfam. Strongylinae (Genus *Strongylus*).
 Subfam. Strongylinae (Genus *Craterostomum*, *Oesophagodontus*, *Triodontophorus*).
 Subfam. Trichoneminae (Cyatostominae) (Genus *Trichonema*, *Poteriostomum*, *Gyalocephalus*).
 Fam. Chabertiidae (Genus *Chabertia*, *Oesophagostomum*).
 Fam. Syngamidae (Genus *Syngamus*, *Cyathostoma*).
 Subfam. Ancylostomatinae (Genus *Ancylostoma*).
 Subfam. Necatorinae (Genus *Necator*, *Uncinaria*).
 Subfam. Necatorinae (Genus *Bunostomum*, *Globocephalus*).
 Subfam. Trichostrongylinae (Genus *Trichostrongylus*, *Haemonchus*, *Ostertagia*).
 Subfam. Trichostrongylinae (Genus *Cooperia*, *Marshallagia*, *Hyostrongylus*).
 Fam. Amidostomidae (Genus *Amidostomum*, *Epomidostomum*).
 Subfam. Nematodirinae (Genus *Nematotidus*).
 Fam. Dictyocaulidae (Genus *Dictyocaulus*).
 Fam. Metastrongylidae (Genus *Metastrongylus*).

Fam. Protostrongylidae (Genus *Protostrongylus*, *Cystocaulus*, *Muellerius*).
 Fam. Angiostrongylidae (Genus *Angiostrongylus*, *Aelurostrongylus*).
 Fam. Oxyuridae (Genus *Oxyuris*, *Skrjabinema*, *Passalurus*).
 Fam. Ascarididae (Genus *Ascaris*).
 Fam. Ascarididae (Genus *Parascaris*).
 Fam. Ascarididae (Genus *Toxocara*).
 Fam. Ascarididae (Genus *Toxascaris*).
 Fam. Ascarididae (Genus *Ascaridia*).
 Fam. Ascarididae (Genus *Heterakis*).
 Fam. Anisakidae (Genus *Anisakis*, *Contracaecum*).
 Fam. Dioctophymatidae (Genus *Dioctophyma*).
 Fam. Spirocercidae (Genus *Spirocerca*).
 Fam. Spirocercidae (Genus *Ascarops*, *Physocephalus*, *Simondsia*).
 Fam. Gongylonematidae (Genus *Gongylonema*).
 Fam. Gnathostomatidae (Genus *Gnathostoma*).
 Fam. Spiruridae (Genus *Spirura*).
 Fam. Physalopteridae (Genus *Physaloptera*).
 Fam. Thelaziidae (Genus *Thelazia*).
 Fam. Habronematidae (Genus *Habronema*, *Draschia*).
 Fam. Filariidae (Genus *Parafilaria*).
 Fam. Onchocercidae (Genus *Dirofilaria*).
 Fam. Onchocercidae (Genus *Acanthocheilonema* (*Dipetalonema*)).
 Fam. Onchocercidae (Genus *Setaria*).
 Fam. Onchocercidae (Genus *Onchocerca*).
 Fam. Trichuriidae (Genus *Trichuris*).
 Fam. Capillariidae (Genus *Capillaria*/ *Eucoleus*).
 Fam. Trichinellidae (Genus *Trichinella*).
 Fam. Oligacanthorhynchidae (Genus *Macracanthorhynchus*).
 Fam. Polymorphidae (Genus *Polymorphus*, *Filicolis*).