

[SZ - S 497 B]
M.Sc. DEGREE EXAMINATION
Zoology
Fourth Semester
PARASITOLOGY

(Effective from the admitted batch of 2022 - 2023)

Time : 3 hours

Max. Marks : 70

*Answer ONE question from each unit.
All questions carry equal marks.*

UNIT - I

1. (a) Explain the host-parasite relationship in detail.
(b) Write notes on hyper parasitism.

(OR)

2. (a) Discuss the effect of parasitism to their host.
(b) Describe the different modes of transmission of parasites.

UNIT - II

3. (a) Give an account on the pathogenesis, diagnosis and control measures of Trypanosoma gambiense.
(b) Write notes on Acanthamoeba.

(OR)

4. (a) Classify parasitic cestodes up to families.
(b) Explain the life cycle of Taenia Solium.

(P.T.O.)

UNIT - III

5. (a) Describe the epidemiology, diagnosis and control measures of Ascaris lumbricoides.
(b) Write an account on the classification of parasitic trematodes upto families.

(OR)

6. (a) Explain the life cycle of Clonorchis sinensis.
(b) Classify parasitic nematodes upto families.

UNIT - IV

7. (a) Give an account on parasitic mites and ticks.
(b) Write short notes on nematode parasites of plants.

(OR)

8. (a) What is zoonosis? Explain its significance.
(b) Write an essay on general principles of controlling helminthic diseases.

UNIT - V

9. (a) Discuss the resistance of host to parasitic infections.
(b) Write notes on cell mediated immunity in parasitic infections.

(OR)

10. (a) Describe in detail the immune evasion mechanism.
(b) Explain the immunity to schistosome parasites.