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25-ZO-43-B

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION
MAY - JUNE 2025**

ZOOLOGY

Paper - III

[Biology of Parasites]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt all five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Describe the Pathogenicity, treatment and control of Leishmaniasis.

OR

Explain the life cycle of Entamoeba Histolytica. What can a person or community do to prevent the spread of Amoebiasis ?

Q. 2 Write notes on –

- i) Life cycle of Schistosomiasis Haematobium.
- ii) Treatment of Fasciolopsiasis.

OR

Describe the lifecycle and treatment of Heterophyes heterophyes.

Q. 3 Write notes on –

- i) Risk factors for Diphyllbothrium latum.
- ii) Hymenolepiasis.

OR

Describe structure of Taenia solium and its parasitic adaptation.

Q. 4 Explain the lifecycle of Ascaris Lumbricoides. Discuss its eradication strategy from India.

OR

P.T.O.

Explain lifecycle of *Trichnella spiralis*. Explain its measures for control.

Q. 5 Explain various larval forms of Helminths.

OR

Explain the significance of blood examination with reference to infection of microfilaria and malaria.

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