

**Second Year B.Sc MLT Degree Supplementary Examinations  
November 2022**

**Parasitology and Entomology**

**Time: 3 Hours**

**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers.*
- *Draw Diagrams wherever necessary.*

**Essay**

**(2x10=20)**

1. Enumerate haemoflagellates. Describe the life cycle and laboratory diagnosis of visceral leishmaniasis. (2+8)
2. Classify arthropods of medical importance. Discuss about mosquito control measures. (4+6)

**Short notes**

**(10x5=50)**

3. Bionomics and public health importance of Aedes mosquito.
4. Morphology disease transmission and control of Louse.
5. Culex mosquito.
6. Laboratory diagnosis of intestinal amoebiasis.
7. Peripheral blood smear picture in falciparum malaria.
8. Giardia lamblia.
9. Laboratory diagnosis of filariasis.
10. Pathogenicity and laboratory diagnosis of common liver fluke.
11. Morphology and laboratory diagnosis of Enterobius vermicularis.
12. Hydatid cyst.

**Answer briefly**

**(10x3=30)**

13. Transovarial transmission.
14. Differentiate relapse and recrudescence.
15. Congenital toxoplasmosis.
16. Loa-loa.
17. Blocked flea.
18. Methods of preservation of parasitic eggs in stool.
19. Larva migrants.
20. Nagleria fowleri.
21. Cryptosporidium.
22. Culture media used for Entamoeba histolytica.