

**Second Year B.Sc MLT Degree Supplementary Examinations
September 2023**

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. Describe the morphology, life cycle and pathogenesis of Plasmodium falciparum. (2+3+5)
2. Enumerate different species of ticks and the diseases transmitted by them. Describe in detail about one tick borne disease seen in Kerala. (2+3+5)

Short notes

(10x5=50)

3. Life cycle of Diphyllbothrium latum
4. Hymenolepis nana.
5. Morphology and life cycle of Head louse.
6. Laboratory diagnosis of Kala-azar
7. Loa Loa
8. Liver flukes
9. Biological control of mosquitoes
10. Extra intestinal amoebiasis.
11. Cryptosporidium parvum
12. Trypanosoma cruzi

Answer briefly

(10x3=30)

13. Life cycle and control measures of housefly.
14. Scabies
15. Pin worm.
16. Auto infection
17. Hydatid cyst.
18. Dientamoeba fragilis
19. Rat fleas
20. DDT
21. Hyper infection syndrome
22. Rapid Diagnostic Tests (RDT) for Malaria
