

**Second Year B.Sc MLT Degree Regular/Supplementary Examinations
April 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. Classify Cestodes infecting man. Describe the morphology, life cycle and laboratory diagnosis of Taenia solium. (3+7)
2. Describe the morphology and life cycle of mosquitoes. Discuss briefly about four mosquito borne diseases. (6+4)

Short notes

(10x5=50)

3. Cyclops
4. Giardia Lamblia
5. Intermediate host
6. Sand fly and diseases transmitted by it.
7. Floation technique for concentration of parasite ova/cyst
8. Life cycle of Isospora belli
9. Plasmodium knowlesi
10. Lab diagnosis of infections due to Schistosoma haematobium
11. Lab diagnosis of hydatid cyst
12. Trichomonas vaginalis

Answer briefly

(10x3=30)

13. Name three parasites that produce oocyst.
14. Xeno-diagnosis.
15. Name two organophosphates used as insecticides.
16. Naegleria fowleri
17. Loeffler's pneumonia
18. Cutaneous larva migrans
19. Bed Bug
20. Sarcoptes scabies
21. Flea index
22. Name three acid fast parasites