

**Second Year B.Sc MLT Degree Regular/Supplementary Examinations
May 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. Describe the morphology, life cycle and pathogenesis of *Ascaris lumbricoides*.
(1+3+6)
2. Define insecticides. Classify them with examples. Describe briefly about any three insecticides.
(1+3+6)

Short notes

(10x5=50)

3. Visceral larva migrans.
4. Diethylcarbamazine (DEC) provocation test.
5. Blood Smear Examination for microfilariae.
6. Free living amoebae.
7. Complications of *Falciparum* malaria.
8. Life cycle and pathogenesis of hook worm infection.
9. River blindness.
10. Lab diagnosis of Toxoplasmosis.
11. Definitive Host.
12. Leishmaniasis.

Answer briefly

(10x3=30)

13. Environmental control of vectors
14. Non- pathogenic amoeba species in man
15. *Dirofilaria*
16. NIH Swab
17. Modified acid fast staining for parasites.
18. Tick borne parasitic infections
19. Describe nocturnal periodicity with two examples.
20. Tropical pulmonary eosinophilia.
21. Drug resistance in Malaria.
22. Lung fluke