

**Second Year B.Sc MLT Degree Regular/Supplementary Examinations
October 2019**

Parasitology and Entomology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Describe the morphology and life cycle of mosquitoes and discuss about mosquito borne diseases. (7+3)
2. Classify the cestodes infecting man. Describe the morphology, life cycle and laboratory diagnosis of *Taenia solium*. (3+7)

Short notes

(10x5=50)

3. Cyclops
4. *Balantidium coli*
5. Laboratory diagnosis of malaria
6. Life cycle of *Trichuris trichiura*
7. Morphology, life cycle and public health importance of soft tick.
8. *Trichomonas vaginalis*
9. Subcutaneous filariasis
10. Larva migrans
11. Morphology and life cycle of *Fasciolopsis buski*
12. Laboratory diagnosis of *Toxoplasma gondii*

Answer briefly

(10x3=30)

13. Parasite larvae demonstrated in stool
14. Labelled diagram of *Entamoeba histolytica* trophozoite
15. Breeding places of house fly
16. Haemoflagellates
17. Egg counting technique
18. Enteric test
19. Loa loa
20. Itch mite
21. Blocked flea
22. Name three intestinal sporozoan parasites