

Second Year B.Sc MLT Degree Supplementary Examinations June 2024

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, pathogenesis and laboratory diagnosis of Plasmodium falciparum.
2. Describe the morphology, life cycle, pathogenesis and laboratory diagnosis of Tinea saginata.

Short notes**(10x5=50)**

3. Integrated vector control.
4. Bionomics, life cycle and public health importance of House fly.
5. Sarcoptes Scabei.
6. Morphology, life cycle and public health importance of Rat flea.
7. Differentiate Amoebic dysentery and Bacillary dysentery.
8. Laboratory diagnosis of Oriental sore.
9. Serodiagnosis of Toxoplasmosis.
10. Laboratory diagnosis of Katayama fever.
11. Pathogenicity and laboratory diagnosis of Ancylostoma duodenale.
12. Difference between Wuchereria Bancrofti and Brugia Malayi.

Answer briefly**(10x3=30)**

13. DDT.
14. Public health importance of Hard tick.
15. Myiasis.
16. Methods of mosquito control.
17. Laboratory diagnosis of Trichinellosis.
18. Entero test.
19. Casoni's test.
20. Universal fixative for stool parasite.
21. Eggs of Ascaris lumbricoides.
22. Trichomonas vaginalis.
