

**Second Year B.Sc MLT Degree Supplementary Examinations
April (December), 2020**

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 laboratory diagnosis of Echinococcus granulosus. (2+5+3)
2. Define a vector. List the mosquito vectors and the diseases transmitted by them. Discuss the mosquito control measures. (2+3+5)

Short notes

(10x5=50)

3. Extra- intestinal amoebiasis and their laboratory diagnosis.
4. Paragonimus westermani.
5. Flootation techniques.
6. Medical importance and life cycle of Pediculus humanus.
7. Erythrocytic schizogony of Plasmodium vivax.
8. Life cycle of pin worm.
9. Morphology and life cycle of Trombiculid mite.
10. Cultivation of protozoan parasites.
11. Life cycle and laboratory diagnosis of Giardia intestinalis.
12. Morphology and life cycle of rat flea

Answer briefly

(10x3=30)

13. Modes of transmission of Toxoplasma gondii.
14. Chagas disease.
15. Three examples of sheathed microfilaria.
16. Dwarf tapeworm.
17. Visceral leishmaniasis.
18. Three parasites found inside the large intestine of man.
19. Isospora belli.
20. Leishman-Donovan bodies.
21. Anopheline eggs
22. Cysticercus cellulosae