

**QP CODE: 203012**

**Reg No:.....**

**Second Year B.Sc MLT Degree Examinations, October 2014**

**PARASITOLOGY AND ENTOMOLOGY**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(2x10=20)**

1. Describe the morphology and lifecycle of entamoeba histolytica. Explain the laboratory diagnosis of intestinal amoebiasis. (10)
2. Describe the morphology, lifecycle and bionomics of anopheles mosquito. Mention briefly about its public health importance and control measures. (7 + 3 = 10)

**Short notes**

**(10x5=50)**

3. Diphylobothrium latum –lifecycle
4. Plasmodium vivax
5. Bed bug –morphology, lifecycle
6. Hymenolepis nana
7. Head louse –morphology and life cycle
8. House fly – life cycle and control measures
9. Laboratory diagnosis of Kala-azar
10. Lung fluke
11. Trypanosoma cruzi – lifecycle
12. Isospora belli

**Answer briefly**

**(10x3=30)**

13. Mansonia mosquito
14. Chemical control of arthropods of public importance
15. Giardia lamblia
16. Laboratory diagnosis of filariasis
17. Black fly
18. Concentration methods for detection of ova in stool.
19. Toxoplasma gondii.
20. Cysticercus cellulosae.
21. Trichuris trichura.(whip worm)
22. Cutaneous larva migrans

\*\*\*\*\*