

QP Code: 202019

Reg. No.....

**Second Year B.Sc. Medical Microbiology Supplementary Examinations  
October 2018  
Parasitology and Entomology**

**(2014 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all the questions
- Draw diagrams wherever necessary

**Essay**

**(2x15=30)**

1. Discuss the life cycle and pathogenesis and laboratory diagnosis of ancylostoma duodenale.
2. Explain morphology, life cycle, mode of transmission and control of fleas.

**Short Essay**

**(2x10=20)**

3. Describe the morphology and life cycle of Entamoeba histolytica. What are the complications of the disease.
4. Morphology, life cycle, disease transmitted and control of louse.

**Short Notes**

**(6x5=30)**

5. Sarcoptes scabiei – morphology, disease transmitted and control.
6. Hymenolepis nana.
7. Larva migrans and larva currens
8. Morphological form of plasmodium falciparum
9. Life cycle of strongyloides Stercoralis
10. Laboratory diagnosis of filariasis

**Answer Briefly**

**(10x2=20)**

11. Public health importance of sand fly.
12. Isospora belli
13. Life cycle of dracunculus medinensis
14. Onchocerca volvulus
15. Occult filariasis
16. Thick smear for malaria
17. Paragonimus
18. Name the diseases transmitted by anopheles and culex mosquitoes
19. Naegleria fowleri
20. NIH swab.

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