

**QP Code: 202019**

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

**Second Year B.Sc. Medical Microbiology Examinations October 2017**  
**PARASITOLOGY AND ENTOMOLOGY**

**Time: 3 Hours**

**Total Marks: 100**

- **Answer all the questions**
- **Draw diagrams wherever necessary**

**Essay**

**(2x15=30)**

1. Discuss the morphology and life cycle & pathogenesis of disease caused by ancylostoma duodenale. Add a note on its laboratory diagnosis and prevention.
2. List the mosquitoes which propagate disease in man, with disease caused. Describe the morphology, life cycle of wuchereria bancrofti in man. Add a note on its laboratory diagnosis and mosquito control.

**Short Essay**

**(2x10=20)**

3. Laboratory diagnosis of vivax malaria
4. Discuss the morphology and life history of house fly. What type of vector is it and list the diseases which can be transmitted by it. How it can be controlled.

**Short Notes**

**(6x5=30)**

5. Laboratory diagnosis of protozoa causing diarrhoea in AIDS patients
6. Acanthamoeba
7. Bile stained helminthic ova
8. Larval forms of cestodes
9. LD bodies
10. Toxoplasmosis

**Answer Briefly**

**(10x2=20)**

11. Trichuris trichiura
12. Microfilaria
13. River blindness
14. Giardiasis
15. Name TWO zoonotic parasitic diseases
16. Define definitive host. Give two examples with disease caused
17. Sand fly
18. Cyclops
19. Cercaria
20. NIH swab

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