

QP Code: 202019

Reg. No.....

**Second Year B.Sc. Medical Microbiology Supplementary Examinations
April 2018**

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 of entamoeba histolytica. Add a note on laboratory diagnosis.
2. List the mosquitoes which propagate disease in man, with disease caused. Describe the morphology, life cycle of plasmodia in man. Add a note on laboratory diagnosis and mosquito control.

Short Essay

(2x10=20)

3. Laboratory diagnosis of hydatid disease in man
4. List intestinal nematodes with habitat. Discuss the life cycle of ascaris, disease caused and laboratory diagnosis.

Short Notes

(6x5=30)

5. Laboratory diagnosis of kala azar
6. Giardia lamblia
7. Toxoplasma gondi
8. Non-bile stained ova seen in their stools of man
9. DEC provocation test and demonstration of the parasite
10. Enterobius vermicularis

Answer Briefly

(10x2=20)

11. Cultivation of protozoa
12. Ticks and disease/s transmitted in man
13. Snails
14. Loa loa
15. Human body louse
16. Trichuris trichura
17. Schistosoma mansoni
18. Modified AFB staining for protozoa
19. Larva migrans
20. House fly
