

QP Code: 202019

Reg. No.....

**Second Year B.Sc. Medical Microbiology Supplementary Examinations
April 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 of plasmodium falciparum in man. Add a note on laboratory diagnosis and mosquito control.
2. Discuss the morphology and habitat of sand flies. Discuss the protozoal disease transmitted by it with morphology, life cycle, clinical features and laboratory diagnosis.

Short Essay

(2x10=20)

3. Lab diagnosis of filariasis
4. List the intestinal nematodes. Discuss the life cycle and morphology of ancylostoma duodenale. Add a note on laboratory diagnosis.

Short Notes

(6x5=30)

5. Lab diagnosis of amoebic dysentery
6. Trichomonas vaginalis
7. Cysticercus cellulosae in man
8. Visceral larva migrans
9. Morphological forms of haemoflagellates
10. Dirofilaria

Answer Briefly

(10x2=20)

11. Rat flea
12. Sarcoptes scabiei
13. Pneumocystis carinii (jeroveci)
14. NIH swab
15. Aedes albopictus
16. Tse tse fly
17. Modified AFB staining for protozoa
18. Diphyllbothrium latum
19. Naegleria fowleri
20. Ova of schistosomes - diagram
