

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree
Regular/Supplementary Examinations July 2021**

Paper VII – Parasitology and Entomology

(2016 Scheme)

Time: 3 hrs

Max Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Long Essays

(2x15=30)

1. Describe the morphology and life cycle of *Ancylostoma duodenale*. Describe the clinical features, lab diagnosis, complications and prevention of the disease caused.
2. Describe the morphology, lifecycle and bionomics of *Anopheles* mosquito. Mention briefly about its public health importance and control measures

Short Essays

(2x10=20)

3. Describe the lab diagnosis of *Wuchereria bancrofti*.
4. Explain the morphology and public health importance of Tsetse fly

Short Answers

(6x5=30)

5. Life cycle of *Trypanosoma cruzi*
6. Hydatid disease
7. Cyclops- public health importance and control
8. Bed bug- morphology and life cycle
9. Concentration methods for detection of ova in stool
10. *Trichomonas vaginalis*

Comment on

(10x2=20)

11. Itch mite
12. Protozoan parasites causing infection in AIDS
13. *Larva currens*
14. Congenital toxoplasmosis
15. Bile stained ova
16. *Loa loa*
17. NIH (National institute of health) swab
18. Primary amoebic meningoencephalitis
19. Commensalism
20. *Balantidium coli*
