

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Regular/Supplementary
Examinations April 2023**

**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. Enumerate the diseases transmitted by arthropods. Describe the morphology, life history, public health importance and control of house fly
2. List four mosquito borne diseases. Discuss the morphology and life cycle of Plasmodium falciparum in man. Add a note on the laboratory diagnosis and mosquito control

Short Essays

(2x10=20)

3. Name four intestinal nematodes. Describe the morphology, life cycle and laboratory diagnosis of Ancylostoma duodenale
4. Describe the structure and life cycle of Toxoplasma gondii. Write briefly about diagnosis of Toxoplasmosis. Add a note on congenital toxoplasmosis

Short Answers

(6x5=30)

5. Disease transmitted and control of Sarcoptes scabiei
6. Dirofilaria
7. Hydatid cyst
8. Free living amoebae
9. Strongyloides stercoralis
10. Neurocysticercosis

Comment on

(10x2=20)

11. Cutaneous larva migrans
12. Auto infection
13. Amastigote form
14. DEC provocation test
15. Tse tse fly
16. Liver fluke
17. Name four nonbile stained eggs
18. Trichomonas vaginalis
19. Stoll's method of egg counting
20. Enterotest
