

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Supplementary
Examinations August 2024**

**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. Give a detailed account of geographical distribution, morphology, cultivation, life cycle, pathogenicity and laboratory diagnosis of *Entamoeba histolytica*.
2. List out the vector borne human parasitic infections. Write about morphology, life cycle, public health importance and control of sand fly.

Short Essays

(2x10=20)

3. Describe the morphology, life cycle, pathogenicity and laboratory diagnosis of *Giardia lamblia*.
4. Explain the morphology, life cycle, pathogenicity and laboratory diagnosis of *Balantidium coli*.

Short Answers

(6x5=30)

5. General characters of helminths.
6. Tabulate the differences between *Schistosoma haematobium* and *Schistosoma mansoni*.
7. *Trichinella spiralis*.
8. Differences between *Ancylostoma duodenale* and *Necator americanus*.
9. Methods of collection and preservation of faecal sample.
10. Scotch cellulose adhesive tape method.

Comment on

(10x2=20)

11. Oviparous.
12. Blood concentration methods.
13. Visceral larva migrans.
14. *Loa loa*.
15. *Fasciola hepatica*.
16. Ticks.
17. *Taenia saginata*.
18. Black water fever.
19. Insecticides.
20. Mosquito repellents.
