

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Supplementary  
Examinations October 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. Describe the morphology, pathogenicity and laboratory diagnosis of *Entamoeba histolytica*
2. What is microfilariasis. Describe the life cycle, pathogenicity and laboratory diagnosis of filariasis.

**Short Essays**

**(2x10=20)**

3. Describe the morphology and life cycle of house fly.
4. List out flea borne diseases. Describe the life cycle and prophylaxis of any one of the disease.

**Short Answers**

**(6x5=30)**

5. Larva migrans.
6. *Gnathostoma spinigerum*.
7. Cysticercosis.
8. Hydatid cyst.
9. Lung flukes.
10. Mosquito control strategies.

**Comment on**

**(10x2=20)**

11. Hard ticks.
12. NIH swab.
13. Amastigote form.
14. Casoni's test.
15. Sparganosis.
16. Babesiosis.
17. Black water fever.
18. Kala azar.
19. Tse tse fly.
20. *Sarcoptes scabiei*.

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