

**Second Year B.Sc. Medical Microbiology Regular/Supplementary
Examinations March 2025**

**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 pathogenic free living amoebae. Write in detail on the pathogenesis, clinical manifestations and laboratory diagnosis of primary amoebic meningo encephalitis
2. Enumerate the infections transmitted by sandfly. Describe the morphology, public health importance and control of sand fly

Short Essays

(2x10=20)

3. Drug resistance in malaria
4. Elaborate on Stool concentration techniques

Short Answers

(6x5=30)

5. Plasmodium knowlesi
6. Sparganosis
7. Preservation of stool specimens in parasitology
8. Laboratory diagnosis of amoebic dysentery
9. Microfilaria
10. Group II insecticides

Comment on

(10x2=20)

11. Newer and rapid tests for the diagnosis of malaria
12. Name diseases transmitted by housefly
13. Enumerate acid fast parasites
14. Enumerate parasites causing infection in HIV/AIDS
15. Name four examples for bile stained eggs
16. Enumerate four mosquito borne infections
17. NNN medium
18. Cyclops
19. Name parasites causing anaemia
20. Scabies
