

QP Code: 212019

Reg. No.....

**Second Year B.Sc. Medical Microbiology Supplementary Examinations
September 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. Classify medically important arthropods and describe the characters of arthropods of medical importance. Write in detail about the morphology, life cycle and public health importance of Tse- tse fly.
2. Classify filarial nematodes. Write about the geographical distribution, habitat, morphology, life cycle, pathogenicity and laboratory diagnosis of Wuchereria bancrofti.

Short Essays

(2x10=20)

3. Describe morphology, life cycle, pathogenicity and laboratory diagnosis of Paragonimus westermani.
4. Describe morphology, life cycle, pathogenicity and laboratory diagnosis of Echinococcus granulosus

Short Answers

(6x5=30)

5. Explain: Infection of Plasmodium falciparum is more severe than Plasmodium vivax
6. Reason for Hook worm infection leads to microcytic hypochromic anemia
7. Describe the life cycle of round worm
8. Compare and contrast Amoebic dysentery versus Bacillary dysentery
9. Trichomonas vaginalis
10. Prophylaxis of malaria

Comment on

(10x2=20)

11. Vector
12. Cestodes
13. Cyclops
14. Entero test
15. NIH swab
16. Preservatives of stool
17. Free living protozoa
18. Host
19. Amoeboma
20. Fleas
