

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Regular/Supplementary
Examinations March 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. Classify filarial parasites. Describe life cycle, Laboratory diagnosis and prophylaxis of Wuchereria bancrofti.
2. Name the parasites associated with HIV related diarrhea. Write in detail the life cycle, lab diagnosis and treatment of cryptosporidiosis.

Short Essays

(2x10=20)

3. Discuss newer laboratory investigations in parasitic infections.
4. Laboratory techniques in diagnosis of haemo parasites.

Short Answers

(6x5=30)

5. Balamuthia mandrillaris.
6. Cysticercus cellulosae
7. Discuss the pathogenesis and laboratory diagnosis of hydatid disease.
8. Enumerate arthropods of medical importance and discuss integrated vector control
9. Describe the control and prevention of tse tse fly
10. QBC (Quantitative buffy coat) method.

Comment on

(10x2=20)

11. Larva currens.
12. Gnathostoma spinigerum
13. Enumerate developmental stages of Trypanosomatid flagellates.
14. Intestinal Bilharziasis.
15. Enumerate on mosquito control measures
16. Name two tick borne infections
17. Classify the Vector Borne diseases prevalent in India
18. Trophozoite induced malaria
19. Myiasis
20. Casoni's test.
