

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree Supplementary
Examinations October 2022**

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. Name four mosquito borne diseases. Describe the morphology and life cycle of *Wuchereria bancrofti* in man. Add a note on laboratory diagnosis in filariasis. Write about mosquito control.
2. Enumerate the arthropod borne diseases in man. Describe the morphology, life cycle, disease transmitted and control of ticks

Short Essays

(2x10=20)

3. Discuss the morphological forms and life cycle of *Entamoeba histolytica*. Write about clinical features, laboratory diagnosis and prevention of amoebic dysentery
4. Describe the morphology, life cycle, clinical features and laboratory diagnosis for *Enterobius vermicularis*

Short Answers

(6x5=30)

5. Quantitative Buffy Coat (QBC) examination
6. *Giardia lamblia*
7. Morphology, disease transmitted and control of cyclops
8. Life cycle and laboratory diagnosis of Kala azar
9. Stool concentration techniques
10. Life cycle and laboratory diagnosis of cryptosporidiosis

Comment on

(10x2=20)

11. Rat flea
12. *Cysticercus cellulosae*
13. Name four bile stained eggs
14. Name two zoonotic parasitic diseases
15. River blindness
16. Insecticides to control arthropods
17. *Larva migrans*
18. Commensalism
19. Peripheral smear examination in malaria
20. Define intermediate host. Give two examples.
