

QP Code: 212019

Reg. No.....

**Second Year B.Sc Medical Microbiology Degree
Regular/Supplementary Examinations October 2019**

Paper VII – Parasitology and Entomology

(2016 Scheme)

Time: 3 hrs

Max Marks: 100

- **Answer all Questions**
- **Draw diagrams wherever necessary**

Long Essays

(2x15=30)

1. Describe the morphology, life cycle, pathogenesis, clinical features and lab diagnosis of *Ascaris lumbricoides*
2. Describe the morphology, lifecycle, bionomics, public health importance and control measures of *Aedes aegypti*

Short Essays

(2x10=20)

3. Lab diagnosis of Kala azar
4. Concentration methods used in stool samples for identification of parasitic ova

Short Answers

(6x5=30)

5. *Cryptosporidium parvum*
6. Public health importance and control of house fly
7. Diseases transmitted and control of bed bugs
8. Soft tick
9. Methods of biological vector control
10. Lung fluke

Comment on

(10x2=20)

11. Black fly
12. Relapses in malarial fever
13. *Toxoplasma gondii*
14. *Cercaria*
15. Sparganosis
16. *Mansonia mosquito*.
17. Bile stained ova
18. Thick smear for detection of malarial parasite
19. Auto infection
20. NIH Swab
