

QP Code: 202019

Reg. No.....

Second Year B.Sc. Medical Microbiology – October 2016

PARASITOLOGY AND ENTOMOLOGY

Time: 3 Hours

Total Marks: 100

- **Answer all the questions**
- **Draw diagrams wherever necessary**

Essay

(2x15=30)

1. Discuss the life cycle and pathogenesis of echinococcus. Add note on the laboratory diagnosis.
2. Discuss the morphology of ticks, lifecycle, disease transmitted and its control.

Short Essay

(2x10=20)

3. Thick and thin smear preparations to identify different species of plasmodium in cases of malaria and the interpretation.
4. Name the mosquito borne diseases and the insecticides used for its control.

Short Notes

(6x5=30)

5. Toxoplasmosis
6. Describe the morphology and life cycle of cryptosporidium
7. Laboratory diagnosis of kala azar
8. Cysticercosis
9. Acanthaemoeba
10. Tse – tse fly

Answer Briefly

(10x2=20)

11. Onchocerca volvulus
12. Larva migrans
13. Giardia lamblia
14. Egg of taenia solium
15. Chyluria
16. Methods of detection of Oocyst.
17. Clinical feature of diphyllbothriasis
18. Babesia
19. Morphological form of haemoflagellates
20. Casoni test.
