QP CODE: 20101231

20101231

Reg No : .....

Name : .....

B.Sc. DEGREE (CBCS) EXAMINATION, NOVEMBER 2020

Second Semester

B.Sc Zoology Model II Medical Microbiology

Vocational Course - ZM2VOT03 - PARASITOLOGY

2017 ADMISSION ONWARDS

A3C2112D

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Define
   a)Kinetoplast
   b)Karyosome
2. Name a parasitic cestode and a trematode.
3. List out any 2 arthropod vectors.
4. What do you mean by arthropods of public health importance? Give an example.
5. Extraintestinal amoebiasis
6. Define
   a) Amastigote
   b) trypomastigote
7. What are the 3 forms of Toxoplasma?
8. Miracidium
9. Extraintestinal migration
10. Loeffler's syndrome
11. What happens to Trichinella if it enters a human host?
12. Scientific name of
    a) Filarial worm
    b) Gunea worm

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the collection and preservation methods of any two intestinal parasites
14. What do you mean by thick and thin smear? What different stains used in staining blood smears?
15. How can arthropod vectors be controlled?
16. Write a short assay on the pathogenesis, clinical features and lab diagnosis of Trichomonas
17. What is Kala azar disease? What is the mode of transmission of the causative agent?
18. Note on lab diagnosis of Echinococcus.
19. Note on Fasciola hepatica.
20. Note on Enterobius.
21. Comment on the life cycle and morphology of Whipworm.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Define parasitism. What are the different types of parasites and hosts. Comment on the sources and modes of transmission of parasitic infection.
23. Explain the significance of arthropods in the trasmission of protozoan and helminthic parasites. Also add a note on its measures of control.
24. Give an account of pathogenesis and diagnosis of the malarial parasite.
25. Compare and contrast between the life cycle and pathogenesis of Taenia solium and T.saginata

(2×15=30)