

E 3004



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Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2022

Fifth Semester

Core Course 18—MEDICAL PARASITOLOGY

(For B.Sc. Microbiology)

[2013—2016 Admissions]

Time : Three Hours

Maximum Marks : 80

Section A

*Answer all questions.
Each question carries 1 mark.*

Comment on :

- | | |
|-----------------------|------------------|
| 1. Cilia. | 2. Microfilaria. |
| 3. Hydatid disease. | 4. Amastigote. |
| 5. Cyst. | 6. Kinetoplast. |
| 7. Bradyzoites. | 8. Proglottid. |
| 9. Intermediate host. | 10. Tse tse fly. |

(10 × 1 = 10)

Section B

*Answer any eight of the following.
Each question carries 2 marks.*

Write briefly on :

- | | |
|------------------------------------|--------------------------------|
| 11. <i>Balantidium coli</i> . | 12. Dermal leishmaniasis. |
| 13. Chagas disease. | 14. Cryptosporidiosis. |
| 15. <i>Trichomonas vaginalis</i> . | 16. Parasitism. |
| 17. Amoebic liver abscess. | 18. Merozoites. |
| 19. Larva migrans. | 20. LD bodies. |
| 21. NIH swab. | 22. <i>Toxoplasma gondii</i> . |

(8 × 2 = 16)

Turn over





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Section C

Answer any **six** of the following.

Each question carries 4 marks.

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|---|----------------------------------|
| 23. <i>Wuchereria bancroftii</i> . | 24. Tape worms. |
| 25. Cultivation of protozoa. | 26. Sleeping sickness. |
| 27. Amoebic dysentery. | 28. Leishmann's stain. |
| 29. Schistosomiasis. | 30. Thick and thin blood smears. |
| 31. Lifecycle of <i>Leishmania donovani</i> . | |

(6 × 4 = 24)

Section D

Answer any **two** of the following.

Each question carries 15 marks.

32. Discuss different concentration methods employed for fecal samples in Parasitology.
33. Write an essay on liver flukes.
34. Discuss the life cycle of *Plasmodium vivax* in detail.
35. Explain the pathogenicity of different intestinal nematodes.

(2 × 15 = 30)

