



K23U 2373

Reg. No. :

Name :

V Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/
Improvement) Examination, November 2023

(2019-2021 Admissions)

CORE COURSE IN MICROBIOLOGY

5B10 MCB : Viral, Fungal and Parasitic Diseases

Time : 3 Hours

Max. Marks : 40

Instruction : Draw diagrams wherever necessary.

SECTION – A

Answer **all** questions in **one** or **two** sentences. **Each** question carries **1** mark.

1. Negri bodies
2. Lytic cycle
3. Aspergilloma
4. Schizogony
5. PKDL
6. SARS.

(6×1=6)

SECTION – B

Write briefly on **any six** of the following. **Each** question carries **2** marks.

7. Microfilaria of *Wuchereria bancroftii*.
8. Define Teratogeny with an example.
9. Life cycle of *Entamoeba histolytica*.
10. Add note on viral growth using tissue culture.
11. What are oncogenic viruses ?

P.T.O.

K23U 2373



12. What is meant by cytopathic effects ?
13. Add a note on important antiviral agents.
14. Define Mycetoma.

(6×2=12)

SECTION – C

Write short essays on **any four** of the following. **Each** question carries **3** marks.

15. Detail on cultivation of viruses using embryonated eggs.
16. Pathogenesis of Mumps.
17. What are the etiological features of Amoebic dysentery ?
18. Pathogenesis of *Toxoplasma gondii*.
19. Add a note on Avian Flu.
20. Transmission and diagnosis of Polio Virus.

(4×3=12)

SECTION – D

Write essays on **any two** of the following. **Each** question carries **5** marks.

21. Discuss in detail the morphology, life cycle, pathogenesis, diagnosis and treatment of Malaria.
22. Discuss the structure, properties, pathogenesis, diagnosis and treatment of HIV.
23. Give a detailed account of Dermatophytosis.
24. What is Filariasis ? Explain the morphological features, life cycle, pathogenesis and treatment of Filarial worms.

(2×5=10)