



K24U 2758

Reg. No. :

Name :

V Semester B.Sc. Degree (CBCSS – OBE – Regular /Supplementary/
Improvement) Examination, November 2024

(2019 to 2022 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. **(6×1=6)**

1. Interferons
2. SARS
3. Negri bodies
4. Kala-azar
5. MMR
6. Mycotoxins.

SECTION – B

Write briefly on **any six** of the following. **Each** question carries **2** marks. **(6×2=12)**

7. Pityriasis versicolor.
8. Dengue fever.
9. Mumps.
10. Herpes Simplex Virus.
11. Amoebiasis.

P.T.O.



12. Retroviruses.
13. Madura mycosis.
14. Toxoplasmosis.

SECTION – C

Write short essays on **any four** of the following. **Each** question carries **3** marks. **(4×3=12)**

15. Explain the prophylaxis and laboratory diagnosis of Rabies infection.
16. Give an account on Emerging viral diseases.
17. Write on the pathogenesis of Hepatitis B infections.
18. Write a short note on oncogenic viruses.
19. Explain opportunistic mycoses with special emphasis on Aspergillosis.
20. Give a brief idea about the symptoms and causes of Filariasis.

SECTION – D

Write essays on **any two** of the following. **Each** question carries **5** marks. **(2×5=10)**

21. Discuss the pathogenesis and laboratory diagnosis of infections caused by HIV.
 22. Elaborate the life cycle of malarial parasites and write on the pathogenesis of infections caused by *Plasmodium* sp.
 23. Write briefly on various methods for the cultivation of viruses.
 24. Give the classification of mycoses. Explain in detail about Dermatophytosis with suitable examples.
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