

QP CODE: 26019183



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026
Fourth Semester
M Sc MICROBIOLOGY
ELECTIVE - MG870403 - CLINICAL MICROBIOLOGY
2019 Admission Onwards
2C42B01C

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Discuss the role of positive pressure suit in personnel protection.
2. Write a brief note on emerging viral infections.
3. Differentiate between resident microbial flora and transient microbial flora of human body.
4. List out the major respiratory tract infections.
5. Write a note on parasitic infections of the genital tract.
6. How can nosocomial infections be prevented and controlled ?
7. What is abscess?
8. What is wound abscess ?
9. What are the symptoms of Otitis media ?
10. What is BacT/Alert ?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. How are microbial cultures mailed to a reference laboratory?
12. What are the general guidelines followed in microbiological laboratories?
13. Explain the lab diagnosis of BSIs.
14. Explain the etiological agents of dysentery.





15. Discuss briefly fungal infection of urinary tract.
16. Explain TORCH complex.
17. Explain the principle and applications of Microarray technique in molecular diagnosis.
18. Explain briefly disk diffusion methods employed in AST.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Describe in detail laboratory associated infections and their preventive measures .
20. Describe the methods and role of QA and QC in Microbiology laboratory.
21. Describe the etiology, clinical features and laboratory diagnosis of pyogenic meningitis.
22. Describe the various immunological techniques in diagnosis of infections.

(2×5=10 weightage)

