



25019894

QP CODE: 25019894

Reg No :

Name :

**B.Sc DEGREE (CBCS)) REGULAR/ IMPROVEMENT/ REAPPEARANCE / MERCY
CHANCE EXAMINATIONS, FEBRUARY 2025**

Fourth Semester

B.Sc Zoology Model II Medical Microbiology

Vocational Course - ZM4VOT08 - CLINICAL MICROBIOLOGY

2017 Admission Onwards

B4DC6ED4

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. List the specimens that can be collected for the diagnosis of STDs.
2. State 2 things that have to be kept in mind while transporting a clinical specimen.
3. What do you mean by upper respiratory tract?
4. What is Strep throat?
5. Causative agent of oral thrush.
6. What do mean by GI tract?
7. Hepatitis.
8. Venereal disease.
9. Infectious form of *Chlamydia trachomatis* is called -----
10. Ophthalmia neonatorum.
11. Any 2 symptoms of Viral meningitis.
12. Sabin.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. What are the recent advances in diagnosis in a microbiology laboratory?





14. What is Pertussis? Describe its clinical features, pathogenesis and preventive measures.
15. Notes on a) Common cold b) Adenoviral pharyngitis
16. What is the mode action of Shiga toxin? Also elaborate on the prophylaxis and treatment of Shigellosis.
17. Note on Protozoan infections of GI tract.
18. Give an account of common Urinary Tract Infections.
19. Note on bacterial cystitis.
20. How is venereal syphilis different from non-venereal syphilis? Also add a note on congenital syphilis. What are the treatment and prophylactic measures?
21. Describe the clinical features and pathogenesis of Rabies.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. What is causative agent of tuberculosis? Elaborate on the symptoms, clinical features, prophylaxis, treatment and epidemiology of TB.
23. Write notes on a) Salmonellosis b) *E.Coli* gastroenteritis
24. Write an essay on Viral venereal infection.
25. What is meningitis? List out the microbes that responsible for these infections. Give a detailed account.

(2×10=20)

