



25019462

QP CODE: 25019462

Reg No :

Name :

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

Fourth Semester

B.Sc Biotechnology Model III

Complementary Course - MB4CMT05 - MEDICAL MICROBIOLOGY

2017 Admission Onwards

86BBC24D

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Describe latent infection.
2. What are mechanical vectors?
3. What is DPT?
4. Define Shigatoxin.
5. Discuss BCG.
6. What is Haemagglutination?
7. What is the Vaccine used for small pox?
8. What is antigenic drift?
9. What are negri bodies?
10. What is AIDS?
11. Give an example of a fungus belonging to Zygomycota.
12. Name a medium used for the cultivation of fungus.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Explain types of coagulase tests.
14. Discuss Laboratory diagnosis of Streptococcal diseases.
15. Clinical features of E. coli.
16. Brief account on cholera.
17. Write briefly on the source, progression and diagnosis of chicken pox.
18. What is the morphology of rabies virus? Explain the prophylaxis of rabies virus.
19. Write a comparison features of different Hepatitis viruses.
20. Write about the parasexual reproduction in fungi.
21. Write about mycotoxins with examples.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Describe factors predisposing to microbial pathogenicity.
23. Briefly explain pathogenesis and laboratory diagnosis of Salmonella typhi.
24. Detail on the various stages of AIDS and its clinical manifestation.
25. Detail about Mycotoxin and their clinical properties.

(2×10=20)

