



QP CODE: 25019893

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 - ZM4VOT07 - MEDICAL BACTERIOLOGY

2017 Admission Onwards

5AE8A5A8

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Which Staphylococcal species is pathogeneic to humans?
2. Name a Gram negative cocci which is oxidase positive.
3. Name any two Samples collected for gonococcal infection.
4. What is McLeod classification of Corynebacterium based on morphology on tellurite medium?
5. What is MLD?
6. Fildes's technique.
7. S.flexneri.
8. Bordet Gengou bacillus.
9. Blue pus.
10. Appearance of Vibrio on gelatin stab culture.
11. Accessory growth factor of Haemophilus.
12. Ziehl Neelsen stain.

(10×1=10)

Part B

*Answer any **six** questions.*

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



13. Lancefield group of Streptococci.
14. Write a note on pneumococci.
15. Epidemiology of diphtheria.
16. Anthrax toxin.
17. Quantitative and semi quantitative method method for bacteriuria detection.
18. Lab diagnosis of Klebsiella Spp.
19. Antigenic variation of Salmonella.
20. Serological test of syphilis.
21. Pathogenesis of Rickettsia.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain the pathogenicity and laboratory diagnosis of Streptococcus pyogenes.
23. What is the significance of Bacillus anthracis? Explain the identification characters of this organism.
24. Explain about diarrhoeagenic E.coli and its diagnostic methods.
25. Write an essay on Actinomycetes.

(2×10=20)

