



25019629

QP CODE: 25019629

Reg No :

Name :

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

Fourth Semester

B.Sc Clinical Nutrition and Dietetics Model III

Core Course - CN4CRT10 - GENERAL MICROBIOLOGY

2017 Admission Onwards

21A846BB

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is photoautotrophs and photoheterotrophs?
2. Draw the structure of yeast cell.
3. Name any four protozoans.
4. List out the importance of fungi in industry.
5. List out beneficial aspects of virus
6. What is optical microscope?
7. Explain hanging drop technique.
8. Write down the symptoms of nosocomial infection.
9. List out the causative pathogens of urinary tract infection.
10. What are the symptoms of filariasis?
11. What is chikungunya ?
12. List out the causative pathogens.

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. What are the branches of microbiology?
14. Explain bacterial classification.
15. Explain lysogenic cycle.
16. Explain various vegetative reproduction methods in algae.
17. Explain beneficial activities of bacteria.
18. Explain carpet culture and surface plating.
19. What are surgical site infections and its consequences?
20. Explain the causative pathogens of endocarditis.
21. Explain the causative pathogens of osteomyelitis.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Define microbial growth curve and explain phases of growth curve in detail.
23. Explain the merits and demerits of algae.
24. Explain classification of culture media based on consistency, composition and uses.
25. Define burns and wounds explain the causes and types of wounds and burns.

(2×15=30)

