



QP CODE: 24000702

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

Sixth Semester

B.Sc Microbiology Model III

CHOICE BASED CORE COURSE - MB6CBT02 - SANITATION MICROBIOLOGY

2017 Admission Onwards

3D62998A

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Differentiate between sanitation and disinfection.
2. Biological safety cabinets.
3. Incineration.
4. Comment on millipore filter.
5. HEPA filter.
6. Composition of sewage.
7. Define COD.
8. How the effluents can be reused?
9. Define chloramination.
10. Example for waterborne viral diseases.
11. Worms escaping.
12. Anaerobic digestion.

(10×2=20)



Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Define nosocomial infections. Give an account of organisms involved.
14. Explain biomedical waste management.
15. Comment on nosocomial pathogens and its sources.
16. Comment on Biological weapons.
17. Comment on protection against biological weapons.
18. Write a short note on dissolved oxygen throwing some light on its estimation.
19. Write a note on sludge as fertilizers.
20. What are the advantages of chlorine as disinfectant?
21. Explain energy recovery in solid waste management.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. What is disinfection? Explain the types and mechanism of disinfectants.
23. Comment on impingement method of air sampling.
24. Describe biological treatment of sewage.
25. Explain Agricultural waste disposal method.

(2×15=30)

