



25020460

QP CODE: 25020460

Reg No :

Name :

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

Sixth Semester

B.Sc Microbiology Model III

CHOICE BASED CORE COURSE - MB6CBT02 - SANITATION MICROBIOLOGY

2017 Admission Onwards

9EE953D6

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Differentiate between sanitation and disinfection.
2. Definition of disinfection.
3. Biosafety in hospitals.
4. Outdoor microflora.
5. Heat sterilization.
6. What are the reasons for the depletion of DO in a water body?
7. Define landfill.
8. Define effluent.
9. Define zoogeal layer.
10. Example for waterborne protozoan diseases.
11. What are the different methods of solid waste disposal?
12. List out the major steps in composting.

(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. Write short note on Safe location of hospitals.
15. Explain working and principle of slit sampler.
16. Explain the settle plate method for enumeration of organism in air.
17. Comment on protection against biological weapons.
18. Explain different types of aerators used in treatment of municipal water supplies.
19. What are the drawbacks of activated sludge digestion?
20. Explain the characteristics of a good chemical disinfectant.
21. Explain types of composting.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Discuss the regulation and measures of biosafety.
23. Write an essay on biological weapons. Add a short note on its regulation.
24. Describe Water borne diseases and method of control.
25. Explain the role of microorganisms in methanogenesis.

(2×15=30)

