



QP CODE: 25019459



Reg No :

Name :

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

Fourth Semester

B.Sc Botany Model II Environmental Monitoring And Management

Vocational Course - BO4VOT07 - ENVIRONMENTAL MONITORING PART - II

2017 Admission Onwards

6576AEA9

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. List out the dissolved gases present in natural waters.
2. List out the chemical properties of water.
3. What is the difference between pervious and impervious rocks?
4. What are lotic system?
5. Name the indicator used in the estimation of COD.
6. How can we estimate the TDS of a water sample?
7. What is water pollution?
8. Name an anaerobic reactor used in water treatment.
9. What are water quality standards?
10. What is BioRecon?
11. Give the equation to show Biotic Index.
12. What are exploiters?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Give a brief account of hydrological cycle.





14. Write a note on the trace level substances in water.
15. Write a note on the potable water qualities.
16. Write a short note on the significance of sample preservation.
17. List out the sources of heavy metal pollution.
18. Explain the effects of water pollutants on plants.
19. Describe recycling of domestic waste waters.
20. Write a note on biomonitoring.
21. Explain eutrophication monitoring.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Write an essay on the recharge of ground water and its importance.
23. Elaborate the sampling techniques of water and preservation of water sample.
24. What is eutrophication? Mention its different types and how can we control it.
25. What is waste water treatment? Explain the different steps.

(2×10=20)

