



QP CODE: 25047452



25047452

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, NOVEMBER 2025

Third Semester

M Sc BOTANY

Core Course - BY010304 - ENVIRONMENTAL SCIENCE

2019 ADMISSION ONWARDS

1385A0CF

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What is Coenospecies?
2. What are the factors influencing community dynamics?
3. What you meant by concept of degradation?
4. Wetlands are known as “kidneys of the landscape”. Why?
5. Differentiate between wides and endemics.
6. How can we detect water pollution?
7. Discuss the various environmental issues leading to climate change.
8. Define bioindicators. Give any two examples.
9. Describe endemism.
10. Discuss the term Ecological restoration.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a note on scope of ecology.
12. What is ecotone and edge effect?
13. Different type of quadrat methods used in the measurement of characters of a plant community.
14. Add a note on hydrochere.
15. Explain the major phytogeographical causes for discontinuous distribution.





16. Distinguish between Sound and Noise.
17. What are the different types of solid waste?
18. What is enhanced green house effect? What are the major contributors to this perceived response?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Describe the characteristics of a population.
20. Describe different trophic levels in an ecosystem and explain food web with help of suitable diagram.
21. What is the standard of air quality? How can it be measured?
22. "Enhanced anthropogenic activities lead to biodiversity depletion". Explain.

(2×5=10 weightage)

