



QP CODE: 26019208



26019208

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

M Sc BOTANY

ELECTIVE - BY820402 - NATURAL RESOURCES AND THEIR MANAGEMENT

2019 Admission Onwards

19474CC8

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Differentiate between renewable and non-renewable resources. Give examples.
2. Define energy resource and reserve.
3. What are the main parts of a nuclear reactor?
4. How can in vitro techniques help in forest conservation?
5. What is the impact of domesticated biodiversity?
6. What is IBAT?
7. Expand MAB. What is its aim?
8. What is biological control for invasive species?
9. What is Carbon tax?
10. What are the problems of resettlement and rehabilitation during dam construction?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a note on major threats to water resource.
12. Add a note on hydropower and tidal power.
13. Give your critical review on GM crops.
14. What is a biodiversity hotspot? Why India is considered as a megadiversity country?





15. Comment on the role of IBPGR.
16. Comment on the impact of invasive species on ecosystems.
17. Explain the role of sustainable agriculture.
18. Comment on environmental issues related to human health.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Give an account on drinking water quality parameters. Add a note on various water treatment methods.
20. Discuss biomass resource harnessing and environmental hazards associated to it.
21. Discuss international efforts on biodiversity conservation.
22. Give a detailed account on various hypotheses proposed for invasion success with examples.

(2×5=10 weightage)

