



QP CODE: 22000844



22000844

Reg No :

Name :

M Sc DEGREE (CSS) EXAMINATION, APRIL 2022

Third Semester

Faculty of Science

M Sc BOTANY

CORE - BY010304 - ENVIRONMENTAL SCIENCE

2019 ADMISSION ONWARDS

3B3E0862

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

Answer any eight questions.

Weight 1 each.

1. What are ecads?
2. What is area quadrate?
3. What is meant by Nudation?
4. what are nutrient cycles? How it is important to ecosystems?
5. What is geotagging?
6. Suggest four important sources of air pollution.
7. What is acid rain? Explain the negative impacts of acid rain on our ecosystem.
8. Discuss the various environmental issues leading to climate change.
9. What is role of human being in biodiversity loss?
10. List out the ecological importance of rain forest.

(8×1=8 weightage)

Part B (Short Essay/Problems)

Answer any six questions.

Weight 2 each.

11. Write short note on Interdisciplinary nature of environmental science.
12. What is ecotone and edge effect?
13. Differentiate between cyclic and non-cyclic replacement changes in plant communities.





14. Write a short essay on tropical coastal ecosystems.
15. Explain the principles governing phytogeography.
16. What are components watershed management practices?
17. What are the different types of solid waste?
18. What are the GOs to protect the wild life?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Write an essay on characteristics of a population.
20. Write an essay on different stages of ecological succession.
21. What are the causes, hazardous effects and effective management of radioactive and thermal pollution?
22. Explain the role of IUCN in the conservation of species with special emphasis on the red data book and red list categories.

(2×5=10 weightage)

