



QP CODE: 25050573



25050573

Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION DECEMBER 2025

First Semester

M Sc ENVIRONMENT SCIENCE AND MANAGEMENT

Core Courses - ES010104 - ENVIRONMENTAL POLLUTION AND MANAGEMENT

2019 Admission Onwards

4C6EE30D

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What are primary pollutants?
2. What are biofertilizers?
3. Discuss High Volume air samples.
4. Explain the water, air and soil quality analysis units.
5. What are grab samples?
6. What are trickling filter methods?
7. What is noise attenuation?
8. What are the affects of ionizing radiation on humans and animals?
9. What is compaction?
10. What are cooling towers?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Assess "Our Common Future"
12. Explain the physical characteristics of water.
13. List the toxic constituents of paper industry. What are the environmental effects ?
14. Examine the sampling of water for microbiological analysis.
15. Discuss the international treaties for the control of pollution.





16. Explain the various levels of noise pollution control measures
17. Discuss Radiation measurements.
18. Analyse Biofouling and their impacts.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Discuss the effect of local weather on transport and diffusion of air pollutant.
20. Discuss about the methods and equipments used for removal of particulate matter from gaseous stream.
21. Classify the sources of noise and explain the noise pollution hazards.
22. Explain the different pollution hazards in India.

(2×5=10 weightage)

