

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2025

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19PESC3C14 - ENVIRONMENTAL TOXICOLOGY AND OCCUPATIONAL HEALTH AND
SAFETY**

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-AAnswer any ***four*** questions. Each question carries 2 weightage.

1. What is meant by bioaccumulation?
2. Define toxicity with examples.
3. Name any five bio-indicators.
4. Where and how the toxic substances metabolized?
5. Write an account on Environmental health of human society.
6. Discuss the Musculoskeletal disorders.
7. Define human health risk assessment.

(4 × 2 = 8 Weightage)**Part-B**Answer any ***four*** questions. Each question carries 3 weightage.

8. Define Toxicology.
9. Explain how pollutants are transported globally?
10. Define Dosimetry.
11. Explain the synthesis of nucleic acid.
12. Discuss the health problems in Construction sites.
13. Discuss the applications of BEI.
14. Explain risk attitude.

(4 × 3 = 12 Weightage)

Part-C

Answer any ***two*** questions. Each question carries 5 weightage.

15. Discuss global impacts of air pollution.
16. Discuss different types of vector borne diseases.
17. Explain Occupational health hazards and how it is to be prevented.
18. Explain different types of risks.

(2 × 5 = 10 Weightage)
