

21P318

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESW3 C14 - ENVIRONMENTAL TOXICOLOGY AND OCCUPATIONAL HEALTH AND SAFETY

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. What is the fate of NO₂ in atmosphere?
2. Explain Bioassay.
3. What are the four categories of toxins?
4. Define tissue specificity.
5. What are the major health and environmental effects of cement?
6. Define OHSAS 18000.
7. Define human health risk assessment.

(4×2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain the classification of pollutants.
9. What is the main purpose of biotransformation?
10. Define Dosimetry.
11. Discuss the biochemical effect of Asbestos.
12. Explain different respiratory disease and how it is to be prevented and managed.
13. Write an account on causes and consequences of musculoskeletal disorders.
14. Differentiate between Percieved risk and real risk.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain different sources and effects of soil pollution.
16. Discuss the health and safety considerations in waste treatment plants.
17. Explain Occupational health hazards and how it is to be prevented.
18. Briefly discuss the steps involved in risk assessment and management.

(2 × 5 = 10 Weightage)
