THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESC3 C13 - ENVIRONMENTAL TOOLS AND MONITORING METHODS

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours   Maximum : 30 Weightage

Part-A

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

1. Explain the Deterministic model of impact prediction in EIA.

2. Define National Environmental Policy Act (NEPA).

3. Explain the checklist method.

4. Explain Moments.

5. Define ANOVA.

6. Explain probit analysis.

7. Explain WWW.

(4 × 2 = 8 Weightage)

Part-B

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

8. Discuss the highlights of EIA notifications in 1997.

9. Describe the objectives of Environmental Management Plan (EMP).

10. Differentiate Linear and Curvilinear regressions.

11. Differentiate Type I Error and Type II Error.

12. Give an account of Addition theorem.

13. What are the advantages of DBMS?

14. Describe the application of Ecoinformatics in wildlife conservation and management.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain different methods of Impact prediction and decision making in EIA.

16. List out the Environmental impacts of Nuclear power projects.

17. 3.1 Calculate the Mean Median Mode from the following data.

Central wage in RS	No.of wage earners
15	3
20	25
25	19
30	16
35	4
40	5
45	6

18. Give an account of fundamentals of probability.

(2 × 5 = 10 Weightage)

****