

24P317

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2025

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PESC3C13 - 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 Screening in EIA.
2. Explain the Deterministic model of impact prediction in EIA.
3. Describe the key components of the EIS.
4. Explain Rank Correlation.
5. Explain how Student t test is performed.
6. What is meant by Random experiment.
7. What is meant by DBMS?

(4 × 2 = 8 Weightage)

Part-B

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

8. Explain different types of EIA.
9. Describe the scope of the EMP.
10. Describe the informations required for decision-makers in EIA.
11. Calculate the median from the following data.

Class	Frequency
0-5	5
5-10	10
10-15	15
15-20	12
20-25	8

12. Explain Poisson distribution of data.

13. Explain different functions of SPSS in Statistical analysis.
14. Describe the application of Ecoinformatics in Water resource management.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain Environmental Impact Assessment. Write down the processes involved in it.
16. List out the Environmental impacts of hydroelectric projects.
17. 3.2. Calculate the Range, Quartile deviation, Mean deviation and Standard deviation from the following data.

Class	Frequency
0-6	3
6-12	9
12-18	20
18-24	9
24-30	3

18. Write an account on Internet. Explain different types of web applications.

(2 × 5 = 10 Weightage)
