

22P317

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(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. Define Rapid EIA.
2. Describe the environmental impacts of Water by a developmental activity.
3. Describe the key components of the EIS.
4. Explain Mode.
5. Explain Statistical hypothesis.
6. Explain the significance of probability in Environmental Research.
7. Differentiate DBMS and RDBMS.

(4 × 2 = 8 Weightage)

Part-B

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

8. Write down the methods of collection of baseline information in EIA.
9. Discuss the Priorities for attention in EMP.
10. Describe the environmental impacts of from mining projects.
11. Explain Two Way ANOVA.
12. Explain Mutually exclusive events.
13. What is the role of R in reaserch.
14. Define URL.

(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. Explain the role of public participation in EIA.

17. 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. Describe the applicationsEco-informatics in Environmental management.

(2 × 5 = 10 Weightage)
