

23P117

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Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESC1 C01 - FUNDAMENTALS OF ECOLOGY AND ENVIRONMENT

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Explain why Environment science is a multi disciplinary subject?
2. Define Synecology.
3. Write down any two physical components of Environment.
4. Define Sedimentary rocks.
5. Differentiate between biotic and abiotic factors.
6. Explain sheet erosion with example.
7. Write an account on Competitive exclusion principle with example.

(4 × 2 = 8 Weightage)

Part-B

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

8. Write down the significance of protection of environment.
9. Write a note on distribution of water at global, national and state level.
10. What are the main topographic factors?
11. List down the important biotic factors.
12. Write down the processes involved in Nitrogen cycle.
13. Explain population with two characteristics.
14. Explain different stages of succession.

(4 × 3 = 12 Weightage)

Part-C

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

15. Structure and composition of atmosphere.
16. Explain different forms of precipitation.
17. Write an account on food web with suitable examples.
18. Explain Ecological adaptations with Examples.

(2 × 5 = 10 Weightage)
