

21P117

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Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(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. Role and significance of Environmental Science.
2. Define Ecology.
3. Write down any two physical components of Environment.
4. Define Atmosphere.
5. Explain the role of Precipitation in Ecosystem.
6. Explain sheet erosion with example.
7. Define Ecotone.

(4 × 2 = 8 Weightage)

Part-B

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

8. Write a note on importance of environmental education.
9. Prepare short note on hydrological cycle with suitable diagrams.
10. Why precipitation is an important climatic factor?
11. List out the main negative biological interactions.
12. Explain Sulphur cycle with neat diagram.
13. Explain different growth patterns with diagrams.
14. What is ecological adaptation in ecology?

(4 × 3 = 12 Weightage)

Part-C

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

15. Process of soil formation.
16. Topographic factors and its significance.
17. Explain abiotic components of Ecosystem.
18. Characteristics of Community.

(2 × 5 = 10 Weightage)
