

24P117

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Name: .....

Reg.No: .....

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024**  
(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 Ecology.
3. What is meant by Fronts?
4. Define Hydrosphere.
5. Differentiate between biotic and abiotic factors.
6. Define saturated zone of soil.
7. Give a short note on energy flow in the ecosystem.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. Define the term environment.
9. What are the main components of environment?
10. How climatic factors are connected with weather pattern of a region?
11. Write about how the height of the mountain affect local climate.
12. Differentiate between Cold front and Warm front.
13. What is mean by community structure?
14. What are the ecological adaptations of xerophytes?

**(4 × 3 = 12 Weightage)**

**Part-C**

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

15. Explain different types of chemical weathering.
16. Write notes on inter specific interactions.

17. Sedimentary cycles with neat diagrams.

18. Characteristics of population.

**(2 × 5 = 10 Weightage)**

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