

22P117

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Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(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. Scope of Environmental Science.
2. How Environmental Science is related with Ecology?
3. Write down any three components of Environment.
4. Define Pedogenesis.
5. What are the different type of climatic 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. How is ecology related to other disciplines?
9. Write a note on distribution of water at global ,national and state level.
10. Why temperature, and pressure considered as significant environmental factors?
11. Differentiate mutualism and commensalism.
12. Differentiate between Cold front and Warm front.
13. What are the different type of species diversity?
14. What are the ecological adaptations of xerophytes?

(4 × 3 = 12 Weightage)

Part-C

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

15. Meteorological condition and Air circulation.

16. Topographic factors and its significance.
17. Explain the characteristics of Ecosystem.
18. Characteristics of population.

(2 × 5 = 10 Weightage)
