

21P319

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESW3 C15 - BIODIVERSITY AND CONSERVATION

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. How are natural resources related to ecology?
2. Differentiate autotrophic and heterotrophic bacteria.
3. What is a genetic race? Explain with examples.
4. What are intellectual property rights?
5. What is a breeding habitat?
6. Define an ecosystem.
7. What is a herbarium? What are the benefits of herbarium?

(4 × 2 = 8 Weightage)

Part-B

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

8. What is a wetland? Why are wetlands important?
9. What all factors affect island biogeography?
10. Mention the international organizations working to conserve biodiversity hotspots.
11. How can human intervention affect biodiversity?
12. What is Chipko movement? Explain.
13. How does ecotourism help wildlife?
14. What are the factors affecting wildlife?

(4 × 3 = 12 Weightage)

Part-C

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

15. What are the greatest threats to terrestrial diversity? Explain the measures to protect terrestrial ecosystems.
16. Explain the various national programmes for biodiversity conservation.
17. Write a detailed note on IUCN categories.
18. Discuss the salient features of Wildlife Protection Act, 1972.

(2 × 5 = 10 Weightage)
