

19P426

(Pages: 1)

Name:

Reg. No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2021

(CBCSS – PG)

CC19P BOT4 E01 – ENVIRONMENTAL BIOLOGY AND BIODIVERSITY

CONSERVATION

(Botany - Elective Course)

(2019 Admission - Regular)

Time: Three Hours

Maximum: 30 Weightage

I. Answer any *four* questions.

1. Write notes on ecotourism.
2. Differentiate between habitat and niche.
3. Explain Gaia hypothesis.
4. Write notes of the significance of sacred groves in biodiversity conservation.
5. Explain r and k selection.
6. Write notes on Biodiversity Act.
7. What is Ramsar convention?

(4 × 2 = 8 Weightage)

II. Answer any *four* questions.

8. Explain acid rain.
9. Write notes on the significance of wetlands.
10. What are the factors involved in population growth?
11. Explain the impacts of deforestation.
12. Write notes on mangrove vegetation and its significance.
13. Explain different types of interactions between two species.
14. Explain briefly the consequences of climate changes.

(4 × 3 = 12 Weightage)

III. Answer any *two* questions.

15. Explain the role of NGOs in biodiversity conservation.
16. Describe about forest types in Kerala.
17. Write an essay on major global environmental challenges.
18. Write an essay on traditional and modern conservation practices.

(2 × 5 = 10 Weightage)
