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P – 2541

Reg. No. :

Name :

Fifth Semester B.Sc. Degree Examination, December 2022

First Degree Programme under CBCSS

Botany

Core Course

BO 1542 : ENVIRONMENTAL STUDIES AND PHYTOGEOGRAPHY

(2018 Admission)

Time : 3 Hours

Max. Marks : 80

PART – A

Answer **all** questions.

1. Give example for renewable natural resources.
2. Afforestation
3. Epiphytes
4. Red data book
5. Write any example for *Ex situ* conservation methods.
6. Expand IPCC.
7. E-waste
8. What do you mean by mangroves?

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9. Write any adaptive feature of xerophytes.
10. Ecosystem diversity.

(10 × 1 = 10 Marks)

PART – B

Answer any **eight** questions.

11. What are food chains?
12. Define ecological pyramids.
13. Comment on Estuaries.
14. What are extinct species?
15. What do you mean by endangered species?
16. What do you mean by endemic species?
17. Write some examples of air pollutants.
18. Explain acid rain.
19. What are tropical forests?
20. Write note on environment friendly products.
21. Explain E-waste management.
22. Write any two important roles of botanical gardens.
23. Explain any biosphere reserves you studied.
24. What do you mean by hydrosere.
25. Western Ghats - Explain.
26. Write on parasites with suitable example you studied.

(8 × 2 = 16 Marks)

PART – C

Answer any **six** questions.

27. What are the different causes of degradation of natural resources?
28. Write notes on Community forestry programmes.
29. Illustrate carbon cycle.
30. Briefly explain about xerosere.
31. Explain major threats to bio diversity.
32. Comment different aspects of soil pollution.
33. Write notes on nuclear hazards.
34. Briefly explain about different Environmental Legislations.
35. Write notes on different forest types you studied.
36. Write notes on different kinds of Aquatic ecosystems you studied.
37. What do you mean by sustainable life styles?
38. Comment on Chipko movement

(6 × 4 = 24 Marks)

PART – D

Answer any **two**.

39. What are natural resources? Explain different causes of degradation of natural resources.
40. Explain various kinds of adaptive features of Hydrophytes, Xerophytes, Halophytes, Epiphytes and Parasites.

41. What do you mean by biodiversity and hotspots, explain major threats to biodiversity.
42. Write an essay on any two kinds of pollutions you studied.
43. Explain various aspects of Solid waste management.
44. Briefly explain various Phytogeographical regions of India with the help of a country map.

(2 × 15 = 30 Marks)
