

(Pages : 3)



P – 1505

Reg. No. : .....

Name : .....

**Second Semester B.Sc. Degree Examination, September 2022**

**Career Related First Degree Programme under CBCSS**

**Group 2(a) – Botany and Biotechnology**

**BB 1241 : ENVIRONMENTAL STUDIES**

**(2019 Admission)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** the questions in a word or **one** or **two** sentences. Each question carries **1** mark.

1. What is gene bank?
2. Explain climate change.
3. Give note on habitat loss.
4. What is hydrophyte?
5. Define food web.
6. What is a habitat?
7. Expand GIS.
8. What are land slides?

P.T.O.

9. Give any two examples for invasive species.
10. What is biogeography?

**(10 × 1 = 10 Marks)**

**SECTION – B**

Answer any **eight** questions. Each question carries **2** marks. (Answer not to exceed **one** paragraph)

11. Explain participatory forest management.
12. Comment on Noise Pollution.
13. What is a Climax Community?
14. Define Beta diversity.
15. What is eutrophication?
16. Mention the role of CITES.
17. Give note on Biodiversity Act.
18. Comment on the role of Western Ghats in biodiversity conservation.
19. What is Ex-situ conservation?
20. Write note on wetlands in Kerala.
21. What are biosphere reserves?
22. What are ecological indicators?

**(8 × 2 = 16 Marks)**

### SECTION – C

Answer any **six** questions. Each question carries **4** marks. (Answer not to exceed **120** words)

23. Explain desert ecosystem.
24. Give note on GIS and remote sensing in nature conservation.
25. Write a detailed note on Ramsar wetland sites.
26. Explain the role of NGOs in nature conservation.
27. Write a short essay on land resources.
28. Explain deforestation.
29. What are ecological pyramids? Explain its types.
30. Give an account on mineral resources of India.
31. Explain the structure and function of an ecosystem.

(6 × 4 = 24 Marks)

### SECTION – D

Answer any **two** questions. Each question carries **15** marks. (Answer not to exceed **three** pages)

32. Write an essay on different adaptations of plants in various habitats.
33. What is Biodiversity? Explain different types and value of biodiversity.
34. Explain different types of pollution and control measures to mitigate them.
35. Write an essay on the environmental laws of India.

(2 × 15 = 30 Marks)