

B.Sc. DEGREE EXAMINATION, APRIL 2020
II Year IV Semester
Ecology and Environmental Biotechnology

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Ecosystem
2. Topographic factor.
3. Halophytes
4. Velamen Tissue
5. Pneumatophores
6. Grassland ecosystem.
7. Seed Bank.
8. IUCN
9. Methanogens.
10. Biomes
11. Green belt
12. Agroforestry.

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Briefly describe the basic principles of ecology.
14. Write short notes on adaptations of xerophytes.
15. Give an account on deciduous forest.
16. What are the effects of afforestation?
17. Write short notes on the uses of biogas production and its uses.
18. Write the salient features of Epiphytes.
19. Discuss the role of biotic factors in an ecosystem.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. List out the environmental factors and their influence on vegetation.
21. Explain the various types of plant succession.
22. Write in detail about the vegetation types of India.
23. Write an essay on the soil erosion and conservation ecology.
24. Give and account on bioremediation and its industrial applications.

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