

B.Sc DEGREE EXAMINATION, APRIL 2019
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. Synecology
2. Thermocline
3. Aerenchyma
4. Psammosere
5. Liana
6. Vivipary
7. National park
8. IUCN
9. Anaerobic sludge
10. Biomining
11. Sunken stomata
12. Afforestation

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

Answer any **FIVE** questions

13. Write a note on the scope of ecology.
14. List any five adaptations of a xerophyte.
15. Give an account on mangrove vegetation.
16. Describe functions of WWF.
17. Elaborate on the phenomena of biosorption.
18. Bring out the importance of grassland ecosystem.
19. Write an account on seed banks.

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

Answer any **THREE** questions

20. Write in detail on biotic factor and its influence on vegetation.
21. Explain hydrosere with special reference to its stages.
22. Describe the following vegetation types – a) Tropical rain forest b) Scrub jungle
23. Write an essay on conservation of biodiversity.
24. What is bioremediation? How does microbes are used in sewage treatment?

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