

**B.Sc. DEGREE EXAMINATION, NOVEMBER 2018**  
**II Year IV Semester**  
**Core Major - Paper VIII**  
**ECOLOGY AND ENVIRONMENTAL BIOTECHNOLOGY**

**Time : 3 Hours**

**Max.marks :75**

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

Answer any **TEN** questions

1. Edaphic factor
2. Primary consumer
3. Halphytes
4. Xerosere
5. Scrub jungle
6. Grass lands
7. Seed bank
8. IUCN
9. Biosorption
10. Biomining
11. Bioremediation
12. Methanogens

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

Answer any **FIVE** questions

13. Write short notes on Topographical factors.
14. Explain the basic principles of phytogeography
15. Comment on Social forestry.
16. Describe about Epiphytes with an example.
17. Define mangrove vegetation shortly with examples.
18. Explain the characteristic features of Tropical rain forest.
19. Describe briefly about Agroforestry.

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

Answer any **THREE** questions

20. Comment on scope and various branches of Ecology.
21. Write an essay on Biogas production.
22. Write an essay on Hydrosere.
23. Comment on in-situ and Exsitu conservation.
24. Write an essay on sewage treatment.

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