

M.Sc., Previous (Environmental Science) Degree Examination
August / September 2009
Directorate of Correspondence Course
(Freshers)

**Paper - II : Biodiversity and Natural Resources and
Conservation**

Time : 3 Hours

Max. Marks : 85

Note : Answer all the sections

Section A

Write any FIVE of the following

5x2=10

1. Ecosystem diversity
2. Xerophytes
3. Westernghats
4. Wild life habitat
5. Reasons of species extinction
6. Biosphere reserves
7. Biomes
8. Ex-situ conservation

Section B

Answer any FIVE of the following

5x6=30

9. Write the ecological benefits of rain forests
10. Write the causes of deforestation.
11. What is co- evolution. How co-evolution takes place.
12. What are invasive species. Explain the ecology.
13. Write a note on ecofriendly energy resources.
14. Explain Genetic and ecosystem diversity.
15. Write a note on biodiversity hotspots and its significance.

Section C

Answer any THREE of the following

3x15=45

16. Give reasons of major threats of biodiversity. Explain how to conserve endangered species.
17. Discuss the values of wetlands in preserving biodiversity.
18. Write briefly the current methods adopted for water resources management and conservation.
19. Describe the biodiversity of estuarine habitat. Explain unique features.

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