



**DPA – 520 (Env. Sci)**

**M.Sc. Previous (Environmental Science) Degree Examination, July/August 2011**  
**Directorate of Distance Education (Freshers/Repeaters)**  
**Paper – II : BIODIVERSITY AND NATURAL RESOURCES**  
**CONSERVATION AND MANAGEMENT**

Time: 3 Hours

Max. Marks: 75/85

- Instructions :** 1) *Students who have attended 25 Marks IA Scheme will have to answer for total of 75 Marks.*
- 2) *Students who have attended 15 Marks IA Scheme will have to answer for total of 85 Marks.*
- 3) *Answer **all** the Sections. Section **D** is **compulsory** for 85 Marks Scheme.*

**Note :** *Answer questions from **all** the Sections. Section – **D** is **compulsory** for 85 marks Scheme.*

**SECTION – A**

Write **any FIVE** of the following :

**(5×3=15)**

1. Red Data Book.
2. Endemic species.
3. Insitu-conservation.
4. Monoculture.
5. Endangered species.
6. Wind energy.
7. Marshes and Swamps.

**P.T.O.**



SECTION – B

Write **any FIVE** of the following :

(5×6=30)

8. Explain the causes of introduced species.
9. Write an account of Ramsar convention.
10. Write a note on non-conventional energy sources.
11. Write a brief note on nuclear energy.
12. Explain the reasons of erosion of biodiversity.
13. Mention the importance of biodiversity hotspots.

SECTION – C

Answer **any three** of the following :

(3×10=30)

14. Discuss the impact of human activity on biodiversity.
15. Discuss the types of wetlands. Add a note on conservation measures.
16. What are the alternative energy resources ? Discuss briefly.
17. Write the threats of water resources. Explain how it affects on agriculture.

SECTION – D

Answer **any ONE** of the following :

(1×10=10)

18. Discuss alternative energy resources utilised in India.
19. Describe the significance of wetlands. Add a note on biodiversity.