

Jan. 2007

Subject Code—5838-X

P.G. Diploma EXAMINATION

(Re-appear)

ENVIRONMENTAL MANAGEMENT

PGDEM-02

Natural Resource Conservation and Management

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions. All questions carry equal marks.

1. Why is water considered to be an indispensable resource ? Discuss groundwater and surface water resources. 20
2. Write short notes on any *four* of the following :
 - (a) Red data book
 - (b) Project Tiger

- (c) Cloud seeding
- (d) Tropical forests
- (e) Endemic species. 5×4

3. (a) What are Watersheds ?
- (b) What are the reasons for degradation of Watersheds ?
- (c) What are the practices for watershed management ? 5,7,8

4. Write an essay on bioleaching of mineral ores. 20

5. Briefly discuss the following :

- (a) Harvesting minerals from sea
- (b) Forest resources of India. 10×2

6. Define Biodiversity. What are Alpha and Beta diversity ? Discuss the problems of loss of biodiversity. 20

7. Discuss various types of ex-situ and in-situ conservation practices. 20

8. Explain the following :

- (a) Extinction process
- (b) Forest management. 10×2