

**POST GRADUATE DIPLOMA IN
ENVIRONMENT AND SUSTAINABLE
DEVELOPMENT (PGDESD)**

Term-End Examination

December, 2010

**MED-006 : NATURAL RESOURCE
MANAGEMENT : PHYSICAL AND BIOTIC**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. Each question carries ten marks.

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1. (a) Write a sentence in two on the following: 5
- (i) Wild life protection Act 1972.
 - (ii) Strip Cropping
 - (iii) Species Diversity
 - (iv) GMOs
 - (v) Buffer zone
- (b) Differentiate between the following pairs of terms: 5
- (i) Renewable resource and Non-renewable resources.
 - (ii) Natural Extinction and Artificial Extinction.
2. (a) Briefly discuss the main activities of Project Elephant or Project Tiger. 5

- (b) How is valuation of biodiversity linked to 'environmental accounting' ? 2
- (c) State any three examples of non resource use and cultural significance of biodiversity. 3
3. (a) What is meant by genetic diversity ? Discuss three methods of measuring Genetic Biodiversity. 4
- (b) Discuss the statement : "Both too much and too little water can cause water resource problems". 6
4. (a) Suggest *any three* methods for conservation of soil. 6
- (b) Expand EIA. Mention the steps in Biodiversity Impact Assessments. 4
5. "As a renewable resource, biomass forms a versatile fuel". Explain. 10
6. Write notes on *any four* of the following : 10
- (a) Biodiversity hot spots
- (b) Dodo bird
- (c) Solar Energy
- (d) Convention on Biological diversity
- (e) Ecotourism
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