

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

Term-End Examination

June, 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) Define the following terms : 5
- (i) Cold deserts
 - (ii) Wet lands
 - (iii) Green house effect
 - (iv) Endangered species
 - (v) Fragile habitat
- (b) Differentiate between the following : 5
- (i) Soil erosion and Soil degradation.
 - (ii) Species richness and Species diversity.
2. (a) Explain extractive and non-extractive uses of biodiversity. 6
- (b) What are bio-fuels ? List the important sources of biofuels in India. 4

3. Explain various methods used for protecting biodiversity outside protected areas. 10
4. (a) Describe five important plants having medicinal value. 5
(b) Discuss the major causes of species extinction. 5
5. (a) Explain *in situ* conservation of biodiversity. 5
(b) What important considerations should be undertaken in valuation of biodiversity. 5
6. Write short notes on *any four* of the following : 10
- (a) Seed bank
 - (b) Ramsar sites
 - (c) Contour farming
 - (d) Estuaries
 - (e) Red Data book
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