

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

Term-End Examination

June, 2011

**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) Biological species
 - (ii) National parks
 - (iii) Tissue culture
 - (iv) Soil profile
 - (v) Fossil fuels
 - (b) Differentiate between the following pairs of terms : 5
 - (i) Aesthetic value of biodiversity and Ethical value of biodiversity.
 - (ii) Biomass Power and Geothermal Power.
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2. (a) 'Communication plays an important part in any conservation programme'. Discuss. 5
 - (b) Briefly describe the wild life of the Himalayan zone. 5

3. (a) Mention the importance of biodiversity in providing raw material for the industries. 5
- (b) List any **five** renewable energy resources which are in use these days. State the importance of solar energy. 5
4. (a) Briefly discuss the Biosafety Act. 5
- (b) What is meant by 'tragedy of commons' with reference to depletion of natural resources ? How does this tragedy occur and how can it be averted ? 5
5. (a) Although soil is considered a renewable resource, it is argued that soil should be properly conserved. Justify. 5
- (b) What are the favourable effects of sustainable ecotourism ? 5
6. Write notes on *any four* of the following : 10
- (a) Ornamental plants.
- (b) Red Data Book
- (c) Wetlands
- (d) Fossil fuels.
- (e) Project Tiger.
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