

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

Term-End Examination

June, 2018

00125

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

Time : 2 hours

Maximum Marks : 50

*Note : Attempt any five questions. Each question carries
10 marks.*

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1. (a) Describe the causes and consequences of soil erosion. 5
 - (b) Why is India considered as one of the mega diversity countries ? 3
 - (c) Describe the non-renewable energy sources. 2
 2. (a) What are "Biosphere Reserves" ? Discuss functions and zonation of biosphere reserves. 4
 - (b) Explain different levels of biodiversity. 4
 - (c) What is an "Ozone hole" ? Why is it harmful for living systems ? 2

3. (a) What is meant by valuation of biodiversity ?
Discuss with suitable examples. 5
- (b) What are the major impacts of biodiversity loss ? 5
4. (a) Distinguish between habitat and ecosystem based approaches of biodiversity conservation. 4
- (b) Describe different types of fossil fuels used today. 3
- (c) Discuss the origin and importance of alluvial soils. 3
5. (a) Briefly describe salient features of the Biodiversity Act 2000. 4
- (b) Describe the characteristics and types of freshwater biomes. 4
- (c) What are medicinal and ornamental uses of biodiversity ? 2

6. Write short notes on any *four* of the following :

$$4 \times 2 \frac{1}{2} = 10$$

- (a) Precipitation
- (b) Flagship species
- (c) Species richness
- (d) Cold desert
- (e) Mangroves
- (f) Metamorphic rock