

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

Term-End Examination

00232 December, 2018

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

Time : 2 hours

Maximum Marks : 50

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

1. Attempt *all* parts.

- (a) List the various sources of renewable energy. Which of these is most important and why? 5
- (b) Describe in brief any five major impacts of biodiversity loss. 5

2. (a) Write notes on the following : $2 \times 2 \frac{1}{2} = 5$

- (i) Ramsar Convention
(ii) Greenhouse Effect

(b) Describe the role of biodiversity in maintaining soil, air and water quality. 5

3. (a) List any four basis on which India is divided into various agro-climatic zones. Name any six of these zones. 5
- (b) What are "Biosphere Reserves" and how do they differ from national parks ? 5
4. (a) Differentiate between a Wetland and an Estuary. 5
- (b) Explain genetic diversity. How do you measure it ? 5
5. (a) Briefly discuss the steps involved in environment impact assessment in the context of biodiversity. 5
- (b) What is soil profile ? Explain with the help of a suitable diagram. 5
6. (a) Briefly describe the activities of "Project Elephant". 5
- (b) Discuss the direct use value of biodiversity in detail. 5
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