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MED-006

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

Term-End Examination

December, 2023

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

Time : 2 Hours

Maximum Marks : 50

Note : (i) *Attempt any five questions.*

(ii) *Each question carries 10 marks.*

1. (a) Explain the following terms : 5
 - (i) Renewable resources
 - (ii) Aquifer
- (b) What are minerals ? Discuss their importance. 5
2. (a) Explain the major methods to measure genetic diversity. 5
- (b) Explain the concept of biomes giving suitable examples. 5

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3. (a) What is Carbon sequestration ? Explain any *two* methods for carbon sequestration. 5
- (b) Discuss the importance of biodiversity in recreation and tourism. 5
4. (a) Write short notes on the following : 5
- (i) Fragile habitats
- (ii) Joint forest management
- (b) Describe the characteristics of biosphere reserves. 5
5. (a) What is eco-tourism ? Enumerate the potential of eco-tourism in India. 5
- (b) Describe any *five* articles related to convention on biological diversity. 5
6. (a) Which convention on biodiversity is related to wetlands protection ? Explain. 5
- (b) Define biofuels. List *four* plant species which can be used as biodiesel. 5