

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

Term-End Examination

December, 2022

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

Time : 2 hours

Maximum Marks : 50

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

1. (a) Differentiate between resource and natural resource. Briefly explain different types of natural resources. 5
- (b) Explain various problems associated with water resources in the context of India. 5
2. (a) What are mineral resources ? Discuss how these are located and extracted. 5
- (b) Briefly explain key issues in natural resource management. 5

- 3.** (a) Define genetic diversity. Discuss the processes through which it is measured. 5
- (b) What are biogeographic regions and biogeographic lines ? Give suitable examples for both. 5
- 4.** (a) Explain species extinction and its estimation. 5
- (b) What is carbon sequestration ? Briefly discuss the methods of carbon sequestration. 5
- 5.** (a) Describe any factor leading to the need for conserving biodiversity. List any two kinds of benefits derived from biodiversity. 5
- (b) What is nature tourism ? Discuss its negative impacts. 5
- 6.** (a) What is Ramsar Convention ? Discuss obligations of the parties to Ramsar Convention. 5
- (b) List any five forest ecosystem services. 5
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