

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

Term-End Examination

June, 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) Discuss the conversion of solid biomass to liquid and gaseous biofuels in about 300 words. 5
- (b) Describe the characteristics of alkali soils and harmful effects of alkalinity. 3+2
2. (a) Discuss the geographical distribution of various types of soils in India. 5
- (b) What is soil erosion ? List the factors responsible for it. 5

- 3.** (a) What are hotspots ? Explain the criteria for identifying biodiversity hotspots in about 300 words. 5
- (b) Briefly discuss the importance of biodiversity in maintenance of soil, air and water quality. 5
- 4.** (a) Discuss the issues related to the measurement of ecosystem diversity in about 300 words. 5
- (b) How is the valuation of biodiversity done ? Explain in about 300 words. 5
- 5.** (a) Why do we need to conserve biodiversity ? Discuss the benefits derived from biodiversity conservation. 5
- (b) Briefly discuss the causes of natural and artificial extinction of species. 5
- 6.** Write short notes on the following in about 300 words each :
- (a) Ecotourism 5
- (b) Ramsar Convention 5
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