

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

Term-End Examination

December, 2024

**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. (a) What does the term non-renewable resources mean ? Explain the origin of coal and petroleum. 5
- (b) Into how many types are forests of India divided ? Name any *five* divisions. Explain in brief the importance of forest as a natural resource. 5

2. (a) In your opinion is soil a renewable or a non-renewable resource ? What is soil erosion ? Discuss various approaches used to mitigate soil erosion. 5
- (b) What is the major cause of air pollution in urban areas ? Name any *four* substances which pollute air. 5
3. (a) What does 'endangered species' mean ? Discuss any *four* causes of biodiversity loss. 5
- (b) Define Biodiversity. Name and briefly explain the three levels of biodiversity. 5
4. (a) What is a biogeographic zone ? Name any *four* such zones and mention the diversity of any *one* of them. 5
- (b) Differentiate between extractive and non-extractive uses of biodiversity by citing suitable examples. 5
5. (a) What is meant by communication for biodiversity conservation ? Differentiate between instrumental and interactive communication. 5

- (b) Expand the abbreviations GMOs and LMOs and explain the terms in brief. Add a sentence on why there is an increasing concern regarding such biotechnology. 5
- 6. (a) Discuss the 'National Biodiversity Act, 2000' and its importance. 5
- (b) State the *ten* principles of biodiversity conservation. 5

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