

- (ii) Soil pollution and Soil degradation
- (iii) Conventional and Non-conventional fuels
- (iv) Afforestation and Restoration
4. (a) What is EIA? What are the various steps in the EIA process? Name some projects for which EIA is mandatory. (7.5)
- (b) Climate Change is affecting the forest ecosystems in many ways. Discuss the consequences of changing climate on Tropical Rain Forests and Agro-ecosystems. (7.5)
5. (a) What is the present status of Solid Waste Management in India? Discuss some of the policy interventions that are being used for effective waste management. (7.5)
- (b) What is the policy adopted for renewable energy certification? Discuss the potential of Hydrogen as a novel fuel. (7.5)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 1180

I

Unique Paper Code : 2163013006

Name of the Paper : Natural Resource Management

Name of the Course : Botany

Semester : V

Duration : 2 Hours

Maximum Marks : 60

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt **four** questions in all, including **Q1**, which is compulsory.
3. **All** questions carry equal marks.
4. All parts of a question must be answered together.

1. (a) Define the following terms (**any five**) : (5×1=5)

- (i) Ecological Footprint
- (ii) Hotspots
- (iii) Sustainable Development
- (iv) Brundtland report
- (v) Red Data List
- (vi) Net Zero Emissions

(b) Expand the following (**any five**) : (5×1=5)

- (i) UNFCCC
- (ii) UNEP
- (iii) GIS
- (iv) MoEFCC
- (v) EIA
- (vi) CPCB

(c) Match A and B (5×1=5)

A**B**

- | | |
|--------------------------------|-------------------------|
| (i) Wullar Lake | a. World Water Day |
| (ii) Chipko Andolan | b. Medha Patekar |
| (iii) Silent Valley | c. Ramsar Site |
| (iv) 22 nd March | d. Ozone Day |
| (v) 16 th September | e. Hydro Power Projects |
| (vi) Narmada Bachao Andolan | f. Sunder Lal Bahuguna |

2. Write short notes on **any three** of the following : (3×5=15)

- (i) Sacred Grooves
- (ii) Project Tiger
- (iii) Biomedical Waste Management Rules (India)
- (iv) International Solar Alliance

3. Differentiate between: (**any three**) (3×5=15)

- (i) Convention on Biological Diversity and Basel Convention