T(6th Sm.)-Botany-H/DSE-B-8/CBCS

 $2 \times 5$ 

# 2021

# **BOTANY** — HONOURS

# Paper : DSE-B-8

#### (Natural Resource Management)

## Full Marks : 50

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

1. Answer any five questions :

- (a) Distinguish between agricultural and pastoral land.
- (b) What do you mean by bioprospecting?
- (c) Write the full form of IUCN. State one major objective of IUCN.
- (d) Mention the important criteria for the progress in economic sustainability.
- (e) Distinguish between forest cover and tree cover.
- (f) What are the four Rs used as basic principle of solid waste management?
- (g) Define non-renewable resource. Give an example.
- (h) What do you mean by environmental refugees?
- 2. Answer any two questions :

(a)	Write short notes on the importance of Agroforestry.	5

- (b) What is EIA? Briefly state the importance of EIA on biodiversity conservation. 1+4
- (c) Write a brief account on application of GIS in natural resource management. 5
- 3. Answer any three questions :
  - (a) Briefly discuss the concept of sustainable utilisation of natural resources. Describe the management strategies for soil degradation.
  - (b) Define Biodiversity. State the significance and threats of Biodiversity. Enumerate briefly the National Biodiversity Action Plan of India. 2+4+4
  - (c) Comment on the forest types found in India. Mention the reasons for depletion of forest in India.

**Please Turn Over** 

## T(6th Sm.)-Botany-H/DSE-B-8/CBCS

(d) What are wetlands? Comment on the importance of wetlands. Enumerate the threats to wetlands. Name any two Ramsar sites in India. 2+3+3+2

(2)

(e) Distinguish between conventional and non-conventional source of energy. 'Sun is the ultimate source of energy'. – Justify this statement.