

**U.G. 5th Semester Examination - 2021****BOTANY****Course Code : BBOTDSHC2 [DSE2]****Course Title : Natural Resource Management**

Full Marks : 30

Time : 2 Hours

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

1. Answer any **ten** of the following questions:  
1×10=10
- Where the Convention on Biological Diversity (CBD) was open for signature?
  - What is the full form of IPBES?
  - What do you mean by Ecosystem diversity?
  - Write down the full form of UNEP.
  - What do you mean by wastelands?
  - What are the most possible reason for soil degradation in irrigated areas?
  - From which year the periodic assessment of forest cover started by the Forest Survey of India?

*[Turn Over]*

- What is Forest Cover Mapping (FCM)?
- Mention two emerging source of renewable energy.
- What do you mean by chemical prospecting?
- What do you mean by afforestation?
- What do you mean by biopiracy?
- Define carbon footprint.
- Write two water pollutant.
- Write full form of EIA.

2. Answer any **five** from the following questions:  
2×5=10

- What is silviculture?
- Mention two importances of wetland.
- What do you mean by landraces? Give example.
- Mention two important multilateral environment agreements ratified by India.
- Write name of two Biosphere reserve.
- Define keystone species.
- What is the importance of sustainable utilization of natural resources?

h) How economy and natural resource are interrelated?

3. Answer any **two** from the following questions:

5×2=10

a) What is genetic diversity? Describe various threats for sustainable biodiversity. 1+4

b) Write down the various reasons of soil degradation. Write two management strategies. 4+1

c) Discuss on various effective methods of waste management. 5

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