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BSCBOO 283



**Choice Based Credit System Fourth Semester B.Sc.
Examination, September 2022
(2020-21 Batch Onwards)
BOTANY**

Plant Diversity for Human Welfare (Open Elective Course)

Time : 2 Hours

Max. Marks : 40

Instruction : Draw diagrams wherever necessary.

- I. Answer **any five** of the following in **2-3** sentences **each** : **(2×5=10)**
- 1) Define ecosystem diversity. Give an example.
 - 2) Define productive use value.
 - 3) Give any two examples for plants used for beauty care products.
 - 4) Write the name of any four important ornamental plants.
 - 5) Define endangered plants. Give an example.
 - 6) Give any two examples for timber yielding plant.
 - 7) Name any two national parks of India.
 - 8) Plants are important source of carbohydrates. Justify.
- II. Answer **any six** of the following : **(5×6=30)**
- 9) Write notes on biodiversity.
 - 10) Write a note on origin and importance of rice as food.
 - 11) Give an account of drug development and uses of *Cinchona officinalis*.
 - 12) Write a note plant as source of dietary fibres.
 - 13) Write a note on role of plants in regulation of water cycle.
 - 14) Write a note on commercially important plants.
 - 15) Write a note on in-situ conservation of forests.
 - 16) Write a note on habitat destruction and overexploitation.
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