

M.Sc.(Botany) (CBCS Pattern) Fourth Semester CBCS  
**PSCBOTT16.3 / PSSBOTT16-Paper-XVI**  
**Plant Diversity and Human Welfare-II**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11364**

Max. Marks : 80

- Notes : 1. All questions are compulsory & carry equal marks.  
2. Draw diagrams wherever necessary.

1. What is Biodiversity? Describe In-Situ and Ex-Situ conservation in detail. 16  
**OR**  
Write on:-  
a) Ecosystem diversity & its conservation strategies. 8  
b) Genetic diversity & species diversity. 8
2. Describe Biodiversity Awareness programme at National and international level in detail. 16  
**OR**  
Write on:-  
a) Sustainable development & its perspectives. 8  
b) Conservation with respect to social approaches. 8
3. What is forest Resources? Describe its Role in Utilization and commercial aspects for living being in detail. 16  
**OR**  
Write on:  
a) Aesthetic plantation. 8  
b) Ornamental plants. 8
4. What are fruit & Nuts? Describe different fruit crop & its commercial importance in detail. 16  
**OR**  
Write on:  
a) Wood and its uses. 8  
b) Alcoholic Beverages. 8
5. Write short notes on:  
a) Species Diversity & its importance. 4  
b) Biodiversity laws. 4  
c) Importance of forestry 4  
d) Tropical fruits. 4

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