

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

P. Pages : 1

Time : Three Hours



GUG/S/23/11364

Max. Marks : 80

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

1. What is species diversity? Comment on the different strategies for conservation of ecosystem diversity. **16**
- OR**
- Write on-
- a) Genetic diversity. **8**
- b) Ex-situ conservation **8**
2. Write in detail about the sustainable development? **16**
- OR**
- Write on-
- a) Social approach to conservation. **8**
- b) Biodiversity awareness programmes. **8**
3. What is the importance of forestry and their utilization? **16**
- OR**
- Write on-
- a) Commercial aspects of forestry. **8**
- b) Ornamental plants. **8**
4. How does fruits and nuts producing plants play an important role to Human welfare? **16**
- OR**
- a) Alcoholic Beverages through ages. **8**
- b) Wood and its uses. **8**
5. Write short notes on-
- a) Agrobiodiversity. **4**
- b) Narmada Bachao Abhiyan. **4**
- c) Avenue trees. **4**
- d) Wood and its uses. **4**
