

M.Sc. (Botany) (CBCS Pattern) Third Semester
PSSBOTT12-3 - Plant Diversity and Human Welfare-I Paper-XII

P. Pages : 1

Time : Three Hours



GUG/W/18/11250

Max. Marks : 80

- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate your answer with suitable diagrams.

1. Why is it important to have plant diversity at the ecosystem level? 16

OR

Write on :

- a) Genetic diversity. 8
b) Plant Taxa 8

2. What are the assessment methodologies for valuing biological diversity. 16

OR

Write on :

- a) Ethical and aesthetic values of Biodiversity. 8
b) Uses of microbes in Biodiversity. 8

3. What is the present scenario, causes and consequences of Biodiversity loss ? 16

OR

Write on :

- a) Causes of loss of Agrobiodiversity. 8
b) Loss of Genetic diversity. 8

4. State in detail the role of legislation and conservation in plant Biodiversity. 16

OR

Write on methodology for execution in biodiversity management by -

- a) UNESCO 8
b) WWF 8

5. Write notes on :

- a) Cultivated Plant Taxa. 4
b) Uses of plants in Biodiversity. 4
c) Loss of ecosystem diversity. 4
d) NBPGR 4
