

M.Sc.(Botany) CBCS Pattern Semester-III
PSSBOTT12-5 - Paper-XII : Basic Botany-I

P. Pages : 1

Time : Three Hours



GUG/W/23/11240

Max. Marks : 80

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

1. Explain in detail classification of fungi and discuss its economic importance. **16**

OR

Write notes on:

- a) Structure and Types of Bacteria **8**
b) Economic Importance of Bryophytes. **8**

2. Give general description and classification, importance of Pteridophytes. **16**

OR

Write on:

- a) General features and Economic importance of Gymnosperms. **8**
b) Classification and general characters of monocotyledons. **8**

3. Define inflorescence and describe different types of inflorescence giving suitable examples. **16**

OR

Write notes on:

- a) Fruit and its types. **8**
b) Identifying characters of Asteraceae and Fabaceae. **8**

4. Give detail account on Tissue system in Monocot and Dicot plants. **16**

OR

Write notes:

- a) Normal secondary growth in Dicotyledon. **8**
b) Anomalous secondary growth in Dicotyledons. **8**

5. Write short note on:

- a) Lichens **4**
b) Economic importance of Monocots **4**
c) Types of Leaf **4**
d) Wound healing in plants **4**
