

M.Sc.(Botany) (C.B.C.S. Pattern) Sem-III
PSSBOTT12-5-Paper-XII : Basic Botany-I

P. Pages : 1

Time : Three Hours



GUG/S/19/11240

Max. Marks : 80

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

1. Explain the recent criteria used in classification of fungi and add a note on its economic importance. **16**

OR

Write notes on-

- a) Control measures of plant diseases. **8**
b) Organization of thallus in bryophytes. **8**

2. Give an account of classification and general description & occurrence of stele in vascular cryptogams. **16**

OR

Write notes on-

- a) Classification of Angiosperm given by Engler and Prantl. **8**
b) Recent classification of Gymnosperm. **8**

3. Describe the special types of Inflorescences of Angiosperm studied by you? **16**

OR

Write notes on-

- a) Important character of any two locally occurring plants belonging to Euphorbiaceae. **8**
b) Types of root. **8**

4. Define anomalous secondary growth in stem and root in Angiosperm. **16**

OR

Write notes on-

- a) Tissue system in Angiosperm. **8**
b) Secondary growth in dicot root & stem. **8**

5. Write short notes on-

- a) Prophylaxis **4**
b) Economic importance of pteridophytes. **4**
c) Types of fruit. **4**
d) Abscission **4**
