

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

P. Pages : 1

Time : Three Hours



GUG/W/22/11240

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. Describe general characteristics of Bryophytes and add economic importance of Bryophytes. **16**

OR

Write note on;

- a) General characteristics of virus. **8**
b) Classification of Fungi. **8**

2. Give general characteristics of Pteridophytes and note on its classification. **16**

OR

Write note on;

- a) Classification of Gymnosperm. **8**
b) General features of Angiosperm. **8**

3. Describe structure of typical flower and write note on Inflorescence and its types. **16**

OR

Write note on;

- a) Types of leaf with examples. **8**
b) Identifying characters of Malvaceae and Asteraceae **8**

4. Explain Secondary growth in Dicot root and Dicot stem. **16**

OR

Write note on;

- a) Types of tissues in Angiosperm **8**
b) Distinguishing characters between Monocot and Dicots **8**

5. Write short note on:

- a) Mycoplasma **4**
b) Spermatophytes **4**
c) Types of fruits **4**
d) Wound healing **4**
