

M.Sc. Second Year (Botany) (New CBCS Pattern) Sem-III
PSSBOTT12-5 - (SEC-I) Paper-XII - Basic Botany-I

P. Pages : 1

Time : Three Hours



GUG/W/23/11240 (S)

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw diagrams wherever necessary and illustrate your answers with suitable examples.

1. Describe in detail general characteristics, classification and uses of lichens. **16**
OR
Write note on.
a) Mycoplasma. **8**
b) Sex organs in Bryophytes. **8**
2. Describe in detail general characteristics classification and uses of Gymnosperms. **16**
OR
Write note on.
a) Sexual reproduction in pteridophytes. **8**
b) Sexual reproduction in Gymnosperms. **8**
3. Give detail account of types and Modification of Roots and leaves in Angiosperms. **16**
OR
Write note on.
a) Types of Inflorescence. **8**
b) Describe flower of *Hibiscus rosa sinensis* in technical language. **8**
4. Describe anatomical details of monocot & dicot stem. **16**
OR
Write note on.
a) Anamolous secondary growth in stem. **8**
b) Tissue system in angiosperms. **8**
5. Write short notes on:
a) Bacteriophage. **4**
b) Economic uses of monocotyledons. **4**
c) Composite fruits. **4**
d) Healing of wounds and fall of leaves. **4**
