

M.Sc. (Botany) (NEP Pattern) Semester-I
NEP-02 / 01MSCB2 - Paper-II - Bryophytes & Pteridophytes

P. Pages : 1

Time : Three Hours



GUG/S/25/15062

Max. Marks : 80

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

- 1.** General characters and classification of Bryophytes. **16**
OR
Write notes on –
a) Fossil history of Bryophytes. **8**
b) Bryophytes as ecological indicator. **8**
- 2.** Describe the Anatomy of Leaf and stem of Takakia. **16**
OR
Write notes on
a) Biological importance of Anthoceros sporophyte. **8**
b) General characters of sphagnum. **8**
- 3.** Give the general character and Classification of pteridophyta. **16**
OR
Write notes on –
a) Heterospory and seed habit. **8**
b) Apospory and apogamy. **8**
- 4.** Give general account on sphenopsida. **16**
OR
Write notes on
a) Morphology of ophioglossum. **8**
b) Morphology of Marsilea. **8**
- 5.** Write short notes on:-
a) Contribution of prof. Ram Udar. **4**
b) Polytrichum **4**
c) Plectostele **4**
d) Salvinia **4**
