

M.Sc.(Botany) (New CBCS Pattern) Semester-I
PSCBOTT02 - Paper-II - Bryophytes & Pteridophytes

P. Pages : 1

Time : Three Hours



GUG/W/24/11151

Max. Marks : 80

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

1. Explain general characters of bryophytes, write ecology & Fossil history of Bryophytes in detail. **16**

OR

Write note on:

- a) Regeneration in bryophytes. **8**
b) Cytology of bryophytes. **8**
2. Give detail account of Hepaticopsida. **16**

OR

Write note on:

- a) General account of Polytrichum. **8**
b) Reproduction of Anthoceros. **8**
3. Give general characteristics distribution & classification of Selaginales. **16**

OR

Write note on:

- a) Role of heterospory and seed habit. **8**
b) General account of Lycopsidea. **8**
4. Explain in detail about Salvinales and Marsileales. **16**

OR

Write note on:

- a) Equisetales **8**
b) Trachaeophyta **8**
5. Write short notes on:
a) Morphogenesis in bryophytes. **4**
b) Sprophyte of Polytrichum. **4**
c) Asexual propagation in pteridophytes. **4**
d) Morphology of ophioglossum. **4**
