

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

P. Pages : 1

Time : Three Hours



GUG/W/23/15062

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. Describe in details general characters and classification of Bryophytes. 16

OR

Write note on:

- a) Regeneration in Bryophytes. 8
b) Contribution of Prof. Ram udar and Prof. S.K. Pande. 8

2. Give an account of Bryopsida with suitable example. 16

OR

Write note on-

- a) General account of Takakiales. 8
b) Sporophyte of Anthoceros. 8

3. Describe in detail general characters and distribution of Pteridophytes. 16

OR

Write note on-

- a) Contributions Prof. S. S. Bir and Pran Nath Mehra. 8
b) Heterospory and seed habit. 8

4. Give general account of Equisetales with suitable example. 16

OR

Write note on:

- a) Progymnospermosida. 8
b) Sporophyte of Marsilea. 8

5. Write short notes on-
- a) Fossil Bryophytes. 4
b) Gemmae cups. 4
c) Apospory. 4
d) Ophioglossum. 4
