

April 2025
B.A./B.Sc.
Second Semester
MINOR – 2
BOTANY
Course Code: BON 2.11
(Bryophytes & Pteridophytes)

Total Mark: 50
Time: 2 hours

Pass Mark: 20

I. Answer any three questions, taking one from each unit.

UNIT-I

1. Discuss the general characteristics of pteridophytes. 12
2. Discuss the alternation of generation in archegoniates citing suitable examples. 12

UNIT-II

3. Describe the external and internal features of the thallus of *Marchantia* with well-labelled diagrams. 12
4. Give an account on the classification of bryophytes. 12

UNIT-III

5. With the help of neat labelled diagrams, describe the anatomy and reproduction of *Psilotum*. 12
6. Write a detailed account of the telome theory. 12

II. Answer any two of the following questions.

7×2=14

7. Write a note on unifying features of archegoniates.
 8. Write a note on economic importance of bryophytes.
 9. Write a note on types of steles.
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