

2021
M.Sc.
First Semester
CORE – 02
BOTANY
Course Code: MBOC 1.21
(Bryophytes & Pteridophytes)

Total Mark: 70

Pass Mark: 28

Time: 3 hours

Answer five questions, taking one from each unit.

UNIT-I

1. Write the classification of bryophytes up to order. 14
2. Discuss on the life cycle of polytrichum with suitable diagrams. 14

UNIT-II

3. Write a note on the evolution of sporophyte in bryophytes. 14
4. Write a note on the importance of bryophytes. 14

UNIT-III

5. Write a note on the origin of pteridophytes. 14
6. Write a note on heterospory in pteridophytes. 14

UNIT-IV

7. Describe the structures and life cycle of Lycopodium. 14
8. Describe the structures and life cycle of Azolla. 14

UNIT-V

9. Discuss on the diversity of ferns from an ecological perspective. 14
10. Write a note on the economic importance of Pteridophytes. 14
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