

**Exam. Code : 210002**  
**Subject Code : 4919**

**M.Sc. Botany 2<sup>nd</sup> Semester**  
**BRYOLOGY**  
**Paper: BOTC-527**

Time Allowed—2 Hours] [Maximum Marks—50

**Note** :— There are **Eight** questions of equal marks. Candidates are required to attempt any **Four** questions.

1. Give in detail the habit and habitat of bryophytes.
2. Describe in detail the economic importance of bryophytes.
3. Give diagrammatical representation of life cycle of Anthoceros.
4. Give comparative account of orders Calobryales and Metzgeriales.
5. Explain evolution of sporogonium in mosses with any example.
6. How the bryophytes developed the land habit ? Justify it with suitable examples.
7. What are the different means of spore dispersal in bryophytes ?
8. Describe the morphogenetic changes in moss protonema.

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