

2025

M.Sc. 1st Semester Examination

BOTANY

Paper : BOTC403X0

(Advanced Bryology)

Full Marks : 25

Time : One Hour

The figures in the margin indicate full marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *two* questions : 2×2=4

1. Name a rhizoidless bryophyte and mention its family.
2. Write the full form of GABA.
3. Name a new taxon recently known from southern West Bengal that is dedicated to Ishwar Chandra Vidyasagar.
4. Name two liverworts which one star shaped and another horseshoe shaped Gemma cup.

P.T.O.

(2)

Group - B

Answer any *two* questions : $4 \times 2 = 8$

Differentiate between

5. Apogamy and Apospory.
6. Sensitive and less sensitive bryophytes in bryomonitoring;
7. Biomonitoring and bryo-monitoring; and
8. Chromosome and m-chromosome.

Group - C

Answer any *one* question : $8 \times 1 = 8$

9. Write the characteristics, affinities, phylogeny, and the systematic position of Calobryales. $2+2+2+2$
10. Write an essay on Biotechnology of bryophytes.

Internal Assessment : 5 marks
