



UNIVERSITY OF NORTH BENGAL

B.Sc. Honours Part-II Examination, 2021

BOTANY

PAPER-IV (REVISED NEW SYLLABUS)

Full Marks: 70

ASSIGNMENT

*The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.
All symbols are of usual significance.*

Answer any five questions from the following each within 450 words 14×5 = 70

1. Characterize the family Orchidaceae with diagram. Mention the advanced features of this family. Name the economically important plants of this family. 14
2. Give an outline classification of angiosperms as proposed by Bentham and Hooker. State the merits and demerits of classification. 14
3. Discuss Bennettitalean and Gnetalean theory of origin of angiosperms. Write a note on typification. 14
4. Describe the ecological adaptation of xerophytes with suitable drawing. 14
5. Discuss the vegetation of Sundarbans. 14
6. Illustrate the role of different secondary metabolites in solving the systematic dispute of different taxa in angiosperms. 14

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