

**Third Semester Internal Examination, September 2025**  
**Minor Course in Botany**  
**Plant Diversity & Angiosperm Taxonomy**  
**BOT3MN201**

Time: 1 Hr

Max Marks: 35

Name:	Marks Scored	Section A		Total Marks
Class:		Section B		
		Section C		

Section A

(Each question carries 3 marks, Max marks for section – 7)

1. Q - Draw a neat and labelled diagram of a Nostoc filament
2. Q - Write any 4 reproduction methods in Nostoc
3. Q - What are the salient features of algae?

Section B

(Each question carries 6 marks, Max marks for section – 18)

4. Q - Explain the ecological & economic importance of cyanobacteria?
5. Q - Explain heterocyst with diagram and its functions
6. Q - Write down the economic importance of algae
7. Q - Explain the structure of Spirogyra

Section C

(Answer any one question, Each question carries 10 marks)

8. Q - Describe Reproduction in Spirogyra with diagrams
9. Q - Write a short notes on Rubiaceae family and also mention its economic importance