

Anjuman Islam Janjira Degree College of Science Murud-Janjira, Raigad-402401 Affiliated to University of Mumbai	
Class: -S.Y.B.Sc	Subject: Plant Diversity- I (Major)
Semester: - III	Course code:
Exam Event: - Winter 2025 (SH)	Marks: 30
Date: - 11/10/2025	Duration: 01:00 Hours

- N.B. – 1 – Attempt any 2 questions out of 4 questions.**
2 – All questions carry equal marks.
3 – Draw neat labelled diagrams wherever necessary.



Q. No.	Descriptor	
Q.1	Answer the following:	
A	List the seven classes of algae according to G.M. Smith (1958).	08
B	Compare mosses, liverworts, and hornworts on the basis of their thallus structure.	07
Q.2	Answer the following:	
A	Describe the general characteristics of Ascomycetae.	08
B	Prepare a diagrammatic life cycle of <i>Anthoceros</i> and explain the different phases.	07
Q.3	Answer the following:	
A	How pteridophytes are adapted to different habitats?	08
B	Describe the thallus structure of <i>Xylaria</i> with neat labelled diagram.	07
Q.4	Answer the following:	
A	Write general characteristics of <i>Pterophyta</i>	08
B	Explain interesting facts about bacteria	07