

Anjuman Islam Janjira Degree College of Science
Murud-Janjira, Raigad-402401
Affiliated to University of Mumbai
As per NEP 2020

Class: -S.Y.B.Sc	Subject: Major Botany II (Functional Botany II)
Semester: - IV	Course code:
Exam Event: - Summer 2026 (FH)	Marks: 30
Date: - 06/03/2026	Duration: 1:00 Hours

NB:

1. Attempt any 2 questions out of 4 questions
2. All Questions carry equal marks.
3. Draw neat and labelled diagrams wherever necessary



Q.1 Answer the following:

- (A) Define Plant tissue, describe the type of simple tissue with suitable diagrams. 08 M
- (B) Explain Physico-Chemical Properties of Phytochrome with Pr–Pfr Interconversion 07 M

Q.2 Answer the following:

- (A) Explain Secondary growth in Dicot root and stem with well-labeled diagram. 08 M
- (B) Explain Vernalization Mechanism and application of vernalizations 07 M

Q.3 Answer the following:

- (A) Explain the Monosaccharides and Oligosaccharides with suitable example 08 M
- (B) Explain significance of Anomalous Secondary Growth with suitable example 07 M

Q.4 Answer the following:

- (A) Explain Important and Major Functions of Proteins in Plants 08 M
- (B) Describe properties and types of mechanical tissue 07 M