

Library

FYUGP SECOND SEMESTER INTERNAL EXAMINATION – FEBRUARY 2026
BOTANY (MINOR)
BOT2MN 101 - Plant Morphology, Physiology & Plant Resources

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 - Write about venation and its types?
2. Q - What is Phyllotaxy and explain the major types?
3. Q - What is an actinomorphic and Zygomorphic flower? Give examples

Section B

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

4. Q - What is aestivation and explain the types of aestivation with diagrams?
5. Q - What are the major physiological changes occur during fruit ripening
6. Q - Give the binomial, family & morphology of useful part of pepper, cardamom & clove
7. Q - What is placentation? Explain the types with diagrams.

Section C

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

8. Q - Briefly explain different types of CYMOSE & SPECIAL type inflorescence
9. Q - Describe Transpiration and the mechanism of stomatal movement in transpiration with K⁺ ion theory?