

QP Code: D141816		Total Pages: 1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2026			
BOTANY			
BOT2MN101 PLANT MORPHOLOGY, PHYSIOLOGY & PLANT RESOURCES			
2024 ADMISSION ONWARDS			
Maximum Time : 2 Hours			Maximum Marks :70
Section A			
All Question can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)			
1	What are the types of venation in plants.		
2	What is cymose inflorescence with diagram.		
3	What is ascent of sap?		
4	Find the physiological role of imbibitions.		
5	Define K ⁺ ion active theory.		
6	What is photoblasticism?		
7	Define photo-periodism.		
8	What is meant by the phases of growth?		
9	Give binomial and family of wheat.		
10	What is beverages? Give examples.		
Section B			
All Question can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)			
11	Explain the special types of inflorescence with examples.		
12	Explain flower as a modified shoot.		
13	Brief account on red drop and Emerson enhancement effect.		
14	Describe the process of C4 cycle.		
15	Illustrate the physiological roles of auxin and cytokinin.		
16	Discuss about senescence and abscission.		
17	Give a brief description of fibre and latex.with example.		
18	Brief account on the various categories of plants based on their economic importance.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	Elaborate the process of cyclic & non-cyclic photo phosphorylation.		
20	Explain the binomial, family, morphology of the useful part and their uses of cereals and pulses with examples.		