

QP CODE:D 123060		Total Pages:1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION APRIL 2025			
(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	Define phyllotaxy.		
2	What is placentation?		
3	Differentiate osmosis and water potential.		
4	What is red drop?		
5	Give a brief account on photorespiration.		
6	What is action spectra?		
7	Note the morphology of the useful part and their uses of black gram.		
8	Find the origin of cardamom.		
9	Write the important role of ethylene.		
10	What is called abscission?		
Section B			
All Question can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)			
11	Criticize the types of inflorescence with neat diagram.		
12	Classify the types of aestivation.		
13	Find the mechanism of stomatal movement.		
14	Write the role of two pigment systems for photosynthesis.		
15	Give a brief account on photo-periodism and vernalization.		
16	What is seed dormancy? Mention the factors causing dormancy.		
17	Give a brief description of pepper and clove.		
18	Enumerate the medicinal value of Santalum album.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	Elaborate the steps involved in the mechanism of photosynthesis.		
20	Give a detailed structure of flower, symmetry of flower, floral parts and their arrangement.		