

QP Code:D 132564		Total Pages: 1	Name:
			Register No.
<b>FIRST SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2025</b>			
(CUFYUGP)			
<b>BOT1MN101 PLANT ECOLOGY, CONSERVATION &amp; PLANT INTERACTIONS</b>			
2024 Admission onwards			
Maximum Time :2 Hours			Maximum Marks :70
<b>Section A</b>			
<b>All Question can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)</b>			
1	Define Ecology.		
2	What is meant by species and genetic diversity?		
3	What is hydrosere?		
4	Find the biodiversity hot spots of India.		
5	What is called Invasive species?		
6	Define endemic species.		
7	What is Cryopreservation?		
8	Add note on Mycorrhizae.		
9	Overview of plant interactions.		
10	Write short note on Ant-plant interactions.		
<b>Section B</b>			
<b>All Question can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)</b>			
11	Explain morphological and anatomical adaptations of Hydrophyte with example.		
12	Illustrate biotic and abiotic ecological factors.		
13	Enumerate the economic and aesthetic value of biodiversity.		
14	Predict the concept of endemism and endemic species.		
15	Brief account on conservation methods.		
16	Give notes on National parks, Sanctuaries and Sacred grooves.		
17	Analyses the interactions of plant and herbivore.		
18	Discuss about the interaction of plant and animal in an ecosystem services.		
<b>Section C</b>			
<b>Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)</b>			
19	What is Ecological succession? Elaborate the process and their types of succession.		
20	Elaborate the habitat fragmentation and destruction.		