

QP Code: D142392		Total Pages: 1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2026			
PLANT SCIENCE			
PLA2FM106 - BIODIVERSITY AND ENVIRONMENTAL INTERACTIONS			
2024 Admission onwards			
Maximum Time :1.5 Hours			Maximum Marks :50
Section A			
All Questions can be answered. Each Question carries 2 marks (Ceiling : 16 Marks)			
1	Differentiate population ecology and community ecology.		
2	Explain the different zones of lentic ecosystem.		
3	What are the components of agrobiodiversity?		
4	Write the difference between <i>in situ</i> and <i>ex situ</i> conservation.		
5	Describe the ethical problems related to biopiracy.		
6	Differentiate mutualism and commensalism with examples.		
7	Explain co-evolution of populations.		
8	What are the benefits of green protocol?		
9	Write about the population fluctuations.		
10	What are the types of genepool?		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 24 Marks)			
11	Write a note on biogeographical classification of India.		
12	Describe the uses of biodiversity.		
13	Discuss various organizations involved in biodiversity conservation.		
14	Briefly explain the role of environmental education and awareness programmes in biodiversity conservation.		
15	Write a note on biodiversity hotspots and also emphasis the key criteria for the determination of a hotspot.		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
16	Write a note on biological invasions and briefly explain how it threatens biodiversity.		
17	Briefly explain characteristics of plant communities and various techniques used in plant community studies.		