

QP Code: D143659		Total Pages: 1	Name:
			Register No.
FOURTH SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2026			
BOTANY			
BOT4CJ203 PLANT DIVERSITY I			
2024 Admission onwards			
Maximum Time :2 Hours			Maximum Marks :70
Section A			
All Questions can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)			
1	Find the general characteristics features of thallus.		
2	What is an Allied fungi?		
3	Define Mycology.		
4	Find the application of fungi in food industry baking with example.		
5	Definition of mycoherbicides		
6	What is medical mycology?		
7	What is the study of Phycology?		
8	Give a note on the general characteristics Nostoc.		
9	Write note on eutrophication.		
10	What are the causes of water blooms?		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)			
11	Describe the life cycle of Phytophthora with diagram.		
12	Brief account on the reproduction with reference to Usnea		
13	Economic importance of Lichens medicine, dyes,		
14	Explain the process of spawn production in mushroom cultivation.		
15	Describe the cell structure of Vaucheria.		
16	Determine the classification of Algae proposed by FE Fritsch (1935).		
17	Explain algae used in space research with examples.		
18	Describe the process of algal cultivation method.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	Explain the concept of Mycorrhiza. Distinguish between Ectomycorrhiza and Endomycorrhiza and their significance.		
20	Detailed about the structure and life cycle of Oedogonium with neat diagram.		