

<b>QP Code: D143660</b>		<b>Total Pages: 1</b>	<b>Name:</b>
			<b>Register No.</b>
<b>FOURTH SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2026</b>			
<b>BOTANY</b>			
<b>BOT4CJ204 PHYTOCHEMISTRY AND PHARMACOGNOSY</b>			
<b>2024 Admission onwards</b>			
<b>Maximum Time :2 Hours</b>			<b>Maximum Marks :70</b>
<b>Section A</b>			
<b>All Questions can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)</b>			
1	Define Phytochemistry.		
2	Name two essential fatty acids.		
3	Define synzymes.		
4	What is maceration?		
5	Define the term alkaloid.		
6	Definition of Pharmacognosy.		
7	Distinguish between organized and unorganized drugs.		
8	What is called sero taxonomical classification of drugs?		
9	Find the guidelines of WHO.		
10	Define foreign matter in a crude drug sample.		
<b>Section B</b>			
<b>All Questions can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)</b>			
11	Classify carbohydrates with suitable examples and structures.		
12	Identify the structure and biological functions of plant polysaccharides.		
13	Describe the Soxhlet extraction method with a labeled diagram.		
14	Discuss the ecological significance of secondary metabolites in plants.		
15	Explain the morphological and chemical classification of drugs.		
16	Discuss the role of Pharmacognosy in various systems of medicine.		
17	What are the different types of adulterants found in natural drugs? Give examples.		
18	Explain the microscopic evaluation techniques used for drugs.		
<b>Section C</b>			
<b>Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)</b>			
19	Define Lipids. Provide a detailed classification of storage and structural lipids.		
20	Detailed account on the importance of aromatic plants in cosmetics, food and pharmaceuticals industries.		