

<b>QP Code: D 123527</b>		<b>Total Pages:1</b>	<b>Name:</b>
			<b>Register No.</b>
<b>SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2025</b>			
<b>CHEMISTRY</b>			
<b>CHE2FM106: CHEMISTRY IN DAILY LIFE</b>			
<b>2024 Admission onwards</b>			
<b>Maximum Time: 1.5 Hours</b>		<b>Maximum Marks: 50</b>	
<b>Section A</b>			
<b>All Questions can be answered. Each Question carries 2 marks (Ceiling: 16 Marks)</b>			
1	In what ways are pheromones beneficial to human beings?		
2	“Blood stains and semen are crucial pieces of evidence in forensic science”. How?		
3	Explain the mode of action of organophosphorus insecticides in human body.		
4	Write two examples each for herbicides and rodenticides.		
5	What is biomagnification?		
6	Compare the advantages and disadvantages of chemical and bio-fertilizers.		
7	What are the main types of detergents?		
8	How does the alkali content affect the properties of soap?		
9	What are the key ingredients found in shampoos and their functions?		
10	What are the functions of antacids and tranquilizers? Mention two examples of each.		
<b>Section B</b>			
<b>All Questions can be answered. Each Question carries 6 marks (Ceiling: 24 Marks)</b>			
11	How enzymes are classified?		
12	What are the common methods of fertilization used in agriculture?		
13	What are the primary differences between cold creams, vanishing creams, and bleach creams?		
14	Describe the chemicals used in hair dyes and its harmful effects.		
15	Explain the classification of dyes based on constitution.		
<b>Section C</b>			
<b>Answer any ONE. Each Question carries 10 marks (1×10 = 10 Marks)</b>			
16	Explain the following a) Sport doping   b) breath analyzer   c) cyanide poisoning   d) hormones.		
17	Write an essay with examples explaining the following a) Prodrug   b) Pharmacophore   c) analgesic   d) antibiotic   e) disinfectant.		