

**FIRST SEMESTER FYUGP EXAMINATION NOVEMBER 2025****(Regular/Improvement/Supplementary)****MULTI DISCIPLINARY COURSE****CHE1FM106: CHEMISTRY IN DAILY LIFE****Time: 1 ½ Hrs.****Maximum Marks: 50**

M – Mark

BL - Bloom's Taxonomy Level (1 to 6)

CO - Course Outcome

**Section A: Answer all questions. Each carries 2 marks.****Ceiling: 16 Marks**

No.	Question	M	BL	CO
1.	Which vitamin is called an anti-aging vitamin? What is its chemical name?	2	5	CO1
2.	What is RNA? Mention its function.	2	2	CO1
3.	Define the role of chemistry in forensic science.	2	4	CO2
4.	Give a chemical method for detection of blood in crime scene.	2	4	CO2
5.	What are the different types of RNAs?	2	5	CO1
6.	What are rodenticides? Give one example.	2	1	CO3
7.	What are builders in detergents? Give examples.	2	4	CO4
8.	Mention the function of humectants in toothpaste.	2	5	CO4
9.	State the function of mica in talcum powder.	2	3	CO5
10.	What are chromophores? Give one example.	2	1	CO6

**Section B: Answer all questions. Each carries 6 marks.****Ceiling: 24 Marks**

No.	Question	M	BL	CO
11.	Discuss about fat-soluble vitamins, their sources, functions, and deficiency diseases.	6	3	CO1
12.	What is endosulfan? Comment on the endosulfan disaster in Kerala.	6	5	CO3
13.	What are the main constituents of hair dyes and how it works?	6	4	CO4
14.	Discuss the composition of sunscreen and explain its working mechanism.	6	5	CO5
15.	Why alizarin is called a mordant dye? Mention its application.	6	3	CO6

**Section C: Answer any one question. Each carries 10 marks. (1 x 10 = 10 Marks)**

No.	Question	M	BL	CO
16.	(a) Write a brief note on mixed fertilizers and their advantages? (b) Explain the term bio fertilizers with suitable examples. List out their advantages over synthetic fertilizers.	10	2	CO3
17.	Write a short note on (a) Anesthetic Drugs (b) Antidepressants (c) Psychedelic drugs	10	1	CO6