

Reg. No.:



Y8187

Name:

University of Kerala

Second Semester FYUGP Degree Examination, June 2026

Multi-Disciplinary course

CHEMISTRY

UK2MDCCHE100 - CHEMISTRY IN EVERYDAY LIFE

Academic Level: 100-199

2024 Admission onwards

Time: 1 Hour 30 Minutes(90 Mins.)

Max. Marks: 42

Part A. 6 Marks.Time:6 Minutes.(Cognitive Level:Remember(RE)/Understand(UN)) Objective Type. 1 Mark
Each.Answer all questions

Qn No.	Question	CL	CO
1	Name one dye used in tablet coatings.	RE	4
2	Name one natural fertilizer.	RE	2
3	Explain why plasticizers are added to nail polish.	UN	1
4	Name one anti-cancerous drug.	UN	4
5	State fungicides.	UN	2
6	Polysaccharides are classified as complex carbohydrates because they have many..... units.	UN	3

Part B. 8 Marks.Time:24 Minutes.(Cognitive Level:Understand(UN)/Apply(AP))Short Answer. 2 marks each.Answer all questions

Qn No.	Question	CL	CO
7	Distinguish between soaps and detergents.	UN	1
8	Explain the difference between primary and secondary structure of protein.	UN	3
9	Illustrate the concept of pesticide resistance.	AP	2
10	Classify drugs based on their therapeutic effects? Provide an example for each class.	AP	4

Part C. 28 Marks.Time:60 Minutes (Cognitive Level:Apply(AP)/Analyse(AN)/Evaluate(EV)/Create(CR)) Long Answer:7 marks each.Answer all 4 Questions choosing among options * within each question

Qn No.	Question	CL	CO
11	A) Complete a brief note on talcum powder, lipstick, and nail polish, explaining their uses and key characteristics. OR B) Investigate the role of chemicals in cleansing agents.	AP	1, 1
12	A) Explain the classification of carbohydrates based on the product of hydrolysis with relevant examples. Analyse their respective roles in human nutrition and health. OR B) Analyse the role of enzymes and hormones in metabolic functions.	AN	3, 3
13	A) Compare the effects of pesticides on humans and wildlife. OR B) Discuss the benefits of using biofertilizers and organic manures over synthetic fertilizers	EV	2, 2

Qn No.	Question	CL	CO
14	A) Evaluate the health and environmental hazards associated with synthetic dyes. Discuss the concerns and possible solutions related to the usage of synthetic dyes. OR B) Examine the role of dyes in biomedical applications.	CR	4, 4