

QP CODE: 24029549



Reg No :

Name :

**UNDER GRADUATE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
OCTOBER 2024**

Fifth Semester

(Offered by the Board of Studies in Chemistry)

OPEN COURSE - CH5OPT01 - CHEMISTRY IN EVERYDAY LIFE

2017 Admission Onwards

748C0FFC

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is baking powder chemically? Explain its role in food industry?
2. What are the ingredients of soft drinks?
3. Define the term 'Adulterant'? Give one example.
4. What are soaps?
5. Which is the additive used to increase detergency of detergents? Give an example.
6. What are cosmetics?
7. What is refining in paper manufacture?
8. What are dyes?
9. What are analgesics? Give examples.
10. What are super phosphates?
11. What are PIPs?
12. Where are nanoparticles found in nature?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*



13. Explain the importance of food additives.
14. Briefly explain the harmful health effects of fast foods and junk foods.
15. Write a note on 'types of detergents'.
16. Write briefly on creams and lotions.
17. What are organic and inorganic polymers?
18. Give a short note on the environmental hazards of plastics.
19. Write a note on psychotropic drugs.
20. Write a note on the environmental hazards associated with artificial fertilizers.
21. Give an account of two natural phenomena around us which can reveal new directions and insights in the field of nanoscience and nanotechnology.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. What are food additives? Give two examples for each type of additive and the role played by them.
23. What are the toxic effects of cosmetics?
24. How paper is manufactured? What are the environmental impacts of paper?
25. (a) Write a note on plant growth hormones. (b) What is the importance of biofertilizers?

(2×15=30)