

QP CODE: 24003011



Reg No :

Name :

**UNDER GRADUATE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS, MARCH
2024**

Fifth Semester

(Offered by the Board of Studies in Chemistry)

OPEN COURSE - CH5OPT01 - CHEMISTRY IN EVERYDAY LIFE

2021 Admission Only

71F7900D

Time: 3 Hours

Max. Marks : 80

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1. Define the term 'food additives'.
2. What are antioxidants? Name two compounds often used as antioxidants.
3. What are the ingredients of soft drinks?
4. What are invert detergents? Why they are so called?
5. How does an optical brightener works?
6. What are cosmetics?
7. Give the recycling code for LDPE.
8. What are phthalein dyes?
9. What are antihistamines? Give an example.
10. What is the composition of MAP.
11. What are stomach insecticides?
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. How can we classify soaps based on TFM?
16. Describe the composition of shampoos.
17. Write a note on plastics in everyday life.
18. What is beating and refining in paper manufacture?
19. Write a note on psychotropic drugs.
20. Write a note on the environmental hazards associated with artificial fertilizers.
21. What are the potential risks of nanomaterials to human health and the environment?

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Write a note on Food Adulteration.
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)