



QP CODE: 22100048



22100048

Reg No : .....

Name : .....

**UNDER GRADUATE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,  
JANUARY 2022**

**Fifth Semester**

(Offered by the Board of Studies in Chemistry )

**OPEN COURSE - CH5OPT01 - CHEMISTRY IN EVERYDAY LIFE**

2017 Admission Onwards

6163663E

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

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

1. What are antioxidants? Name two compounds often used as antioxidants.
2. What are the ingredients of soft drinks?
3. What is meat product order?
4. How can we produce soaps?
5. What are cationic detergents? Give one example.
6. What are cosmetics?
7. What are synthetic polymers?
8. What is writing paper?
9. Explain stimulants with examples
10. What is the action of abscisic acid in plants?
11. To which class of insecticide does Endosulfan belongs?
12. What are the basic approaches used to synthesise nanomaterials?

(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. Explain the functions of builders, bleaching agents and optical brighteners in detergents.
16. Explain the composition and side effects of shaving cream.
17. What are the commonly used plastics? What are their uses?
18. What are natural dyes? Give its uses and limitations.
19. Discuss the classification of drugs with examples.
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. How are inorganic fertilizers classified?

(2×15=30)

