

QP CODE: 20100048



Reg No :

Name :

UNDERGRADUATE (CBCS) EXAMINATION, FEBRUARY 2020

Fifth Semester

(Offered by the Board of Studies in Chemistry)

Open Course - CH5OPT01 - CHEMISTRY IN EVERYDAY LIFE

2017 Admission Onwards

997B6861

Time: 3 Hours

Maximum Marks :80

Part A

*Answer any **ten** questions.*

Each question carries 2 marks.

1. What is MSG?What is its function?
2. What are the ingredients of soft drinks?
3. Define the term 'Adulterant'?Give one example?
4. What are non-ionic detergents? Give an example.
5. What are the advantages of enzymatic detergents over non-enzymatic detergents?
6. What are cosmetics?
7. What is PS?
8. What is azo dye? Give an example.
9. Explain antifertility drug with examples.
10. What is the per centage of nitrogen available from urea and nitrolim?
11. Give two examples for selective herbicides.
12. How are nanomaterials being classified?

(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. What is meant by dental cosmetics?
17. Differentiate between natural and synthetic polymers.
18. Comment on the weight and size of paper.
19. Write a note on psychotropic drugs.
20. Write a note on the environmental hazards associated with artificial fertilizers.
21. Write a note on the application of nanotechnology for electronics and food packaging.

(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)

