

UNDERGRADUATE END SEMESTER EXAMINATION : OCTOBER 2022**SEMESTER 5: CHEMISTRY (OPEN COURSE)****COURSE: 19U50CCHE1 : CHEMISTRY IN EVERYDAY LIFE***(For Regular - 2020 Admission and Supplementary – 2016/2017/2018/2019 Admission)*

Time: Three Hours

Max. Marks: 75

PART A**Answer any 10 (1 mark each)**

1. Give two examples of artificial food preservatives
2. What do you mean by bathing bars?
3. Name the components of lipstics
4. What do you mean by LDPE and HDPE?
5. What is the therapeutic action of ranitidine?
6. What is 2,4,5-T?
7. What are thermo plastics?
8. What are Plant growth hormones?
9. Define Natural dyes. Give one example.
10. Give two examples of Flavor enhancers.
11. What are washing soaps?
12. What MSG?
13. Define NPK value?

(1 × 10 = 10)**PART B****Answer any 10 (2 marks each)**

14. Distinguish between hard and soft soap
15. What are artificial sweeteners? Give two examples.
16. Discuss on food adulteration.
17. What are fungicides. Give examples?
18. Mention the important components of detergents.
19. Write a note on food laws.
20. What are addition and condensation polymers? Give examples.
21. What are permitted and non permitted food colors?
22. List out the composition of Soft drinks.
23. What is the role of enzymes in the formation of detergents.
24. Mention the different types of papers.
25. What are the different stages of paper production?
26. Write a note on antifertility drugs.

(2 × 10 = 20)

PART C**Answer any 5 (5 marks each)**

27. Explain the different types of detergents.
28. Write a note on toxicology of cosmetics.
29. Write a note on environmental impact of paper.
30. Write a note on the following
 - a) Recycling of plastics
 - b) Classifications of dyes
31. Explain environmental hazards of plastics.
32. Write briefly on dental cosmetics.
33. Write a note on environmental hazards associated with agrochemicals
34. Write a note on *stimulants* used in chemotherapy.

(5 × 5 = 25)**PART D****Answer any 2 (10 marks each)**

35. Discuss on various food additives
36. Write short notes on the following.
 - (a) Environmental hazards of detergents
 - (b) Cleansing action of soaps
 - (c) Ingredients of talcum powder
37. Explain the following.
 - (a) Different types of insecticides
 - (b) Tranquilizers
 - (c) Antihistamine
38. Explain the preparation, properties and application of the following polymers.
 - (i) PVC
 - (ii) PET
 - (iii) PP
 - (iv) ABS

(10 × 2 = 20)
