

TB245842V

28-11

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024

2022 ADMISSIONS REGULAR

SEMESTER V - OPEN COURSE

CH5D01AB18 - Chemistry in Everyday Life

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. List two examples for natural sweeteners and artificial sweeteners.
2. Give any four advantages of using biofertilizers.
3. Recall with example the triple super phosphate.
4. Define anionic detergents. Give one example.
5. Identify liquid soaps. Give one example.
6. list main ingredients in a toothpaste.
7. Distinguish between broad spectrum and narrow spectrum antibiotics. Give one example for each type.
8. Recall Bismark Brown.
9. Explain Inorganic polymers with example.
10. Explain two methods for the synthesis of nanomaterials.
11. Write a note on fullerenes.
12. List out the examples for nanoparticles used in tissue engineering .

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Explain the health effects caused by fast food and junk food.
14. Explain different Plant Growth Hormones.
15. Explain briefly the environmental hazards associated with Artificial Fertilizers.
16. Explain any two food additives used in food industry.
17. Discuss the methods used in the detection of adulteration of a) Bengal gram and b) Chilli powder
18. Compare soaps and detergents. Which is non- biodegradable? Why?
19. Explain significance of TFM.
20. Illustrate the application of nanotechnology in biological labels.
21. Discuss the ways of employing nanotechnology in paints and coatings.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Discuss the classification of Insecticides with suitable example.
23. Write short notes on the following: a) Types of detergents b) Comparison between soaps and detergents c) Environmental impact of soaps and detergents (8+ 4+3 = 15m)
24. Discuss briefly the methods of manufacture of paper.
25. a) Explain the different types of antifertility drugs. b) Discuss briefly a) antipyretics and b) analgesics.