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Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS-UG) DEGREE EXAMINATION
NOVEMBER 2022**

Chemistry

CHE 5D 02—CHEMISTRY IN DAILY LIFE

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A (Short answers)

Answer questions up to 20 marks.

Each question carries 2 marks.

1. What are addition polymers and condensation polymers? Give examples.
2. Write a note on plastic identification codes.
3. Name the different kinds of RNA. What are its functions?
4. What is MSG? Give any one use.
5. Write a brief account on the use of DDT as insecticides.
6. What is NPK value?
7. List the common ingredients in shampoos.
8. Briefly explain the toxicity in hair dyes.
9. What are cold cream and vanishing cream?
10. List the important fractions of petroleum distillation.
11. Distinguish between narcotic and non-narcotic analgesics with suitable examples.
12. What is the difference between disinfectants and antiseptics?

(Ceiling of marks : 20)

Section B (Paragraph)

Answer questions up to 30 marks.

Each question carries 5 marks.

13. Write a note on challenges in plastic recycling.
14. What is vulcanization? Explain its significance.

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15. Discuss pesticide pollution and its impact on environment.
16. Explain the different types of detergents with suitable examples.
17. With suitable examples classify dyes based on constitution.
18. Define octane number and the role of antiknock agents in gasoline. Why TEL is not used nowadays in gasoline ?
19. Write a brief note on CNG.

(Ceiling of marks : 30)

Section C (Essays)

Answer any one.

The question carries 10 marks.

20. Discuss in detail the common adulterants in different foods.
21. What are hormones ? Explain the different types of sex hormones and cortical hormones with examples.

(1 × 10 = 10 marks)