

19U515

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Name: .....

Reg.No: .....

**FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2021**

(CBCSS - UG)

**CC19U CHE5 D02 - CHEMISTRY IN DAILY LIFE**

(Chemistry - Open Course)

(2019 Admission - Regular)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

**Part A** (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. What are the applications of polystyrene?
2. What are inorganic polymers? Give one example.
3. What are the functions of glucocorticoids?
4. What is genetic code?
5. Write four examples for the following additives (a) Artificial food colour and (b) Artificial sweetner
6. Explain four effects of junk food on health.
7. What are NPK fertilizers? What is NPK value?
8. Name the most common surfactant used in toothpaste. What is its disadvantage?
9. What is meant by compact powder?
10. What are antacids? Give two examples.
11. Give two examples of acid dye.
12. What is a lower calorific value?

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Write short notes on natural rubber and synthetic rubbers.
14. What are enzyme cofactors? Explain.
15. Write a note on the detection of adulterants in tea leaves and coffee powder.
16. Explain the cleansing action of soaps and detergents.
17. Write notes on: lipsticks and rouge.
18. Explain the terms (a) pharmacy (b) pharmacology (c) Pharmarmacophore (d) pharmacognosy.
19. What is compressed natural gas (CNG)? Why is CNG preferred over LPG?

**(Ceiling: 30 Marks)**

**Part C** (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Write a note on the artificial ripening of fruits and its side effects.
21. Discuss about the fractional distillation, different fractions, their composition and uses of crude oil.

**(1 × 10 = 10 Marks)**

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