

**B A, B SC, B COM DEGREE END SEMESTER EXAMINATION - NOVEMBER 2025****UGP (HONS.) SEMESTER - 1: MULTI DISCIPLINARY COURSE****COURSE: 24UCHEMDC101 - CHEMISTRY IN EVERYDAY LIFE***(For Regular 2025 Admission and Improvement/Supplementary 2024 Admission)*

Time: 1 Hour

Max. Marks - 35

**PART A****One-word Questions*****(Answer all Questions. Each question carries 1 Mark)***

1. Which one is a natural food additive? U, CO1  
(A) Salt (B) Eosin (C) None
  2. Write the name of a natural food flavour? U, CO1
  3. Metal salts of long chain fatty acids are known as..... U, CO1  
(A) Detergents (B) Rice (C) Olive oil
  4. Water-Oil combination is..... U, CO1  
(A) powder (B) Emulsion (C) none
  5. .... kills the microorganisms U, CO3  
(A) Analgesics (B) Antiseptics (C) Antacids
  6. .... used to neutralize excess acid released in the stomach U, CO3  
(A) Antiseptics (B) Antacids (C) None
  7. Sedatives are used as food ingredients. True or False? U, CO3
  8. What term refers to a product that adds fragrance during a bath? U, CO1
  9. Temporary hair colourants consist of ..... U, CO1
  10. Which propellant is used to make shaving cream foam? U, CO1
  11. Give an example of a natural polymer A, CO2
  12. Name the polymer used in bullet proof vests and ropes? A, CO2
  13. Which plastic is commonly used in credit cards? A, CO2
  14. Give an example for thermoplastics and thermosetting plastics A, CO2
- (1 x 14 = 14)**

**PART B****Short Essay Questions*****(Answer any one Question. Each question carries 6 Marks)***

15. Give a brief explanation about the function of analgesics and antipyretics U, CO3
16. Explain the different classifications of cosmetics based on their functions and uses U, CO1

**(6 x 1 = 6)**

## PART C

## Long Essay Questions

***(Answer any one Question. Each question carries 15 Marks)***

17. Explain the following
- (A) (i) Antioxidants (ii) Antifoaming agent (iii) Curing agent (iv) Emulsifiers (v) Preservatives  
(vi) Glazing agents (vii) Sweeteners (viii) Thickeners (8 marks) U, CO1
- (B) Cationic, Anionic, and Amphiphilic detergents with examples (7 marks)
18. (A) What is polymerization? Describe addition polymerization and condensation polymerization with examples (8 marks) U, CO1
- (B) Describe the properties and uses of Nylon 6,6 and Bakelite (7 marks)
- (1 x 15 = 15)**