

- | | | |
|-----------|---|-------------|
| 2. | Solve any two question. | 2x10 |
| | a) Describe structure, synthesis and uses of Naphthalene? | =20 |
| | b) Explain the electrophilic aromatic substitutions reactions of Benzene? | |
| | c) Discuss the reactivity and stability along with preparation and reactions of cycloalkanes? | |
| 3. | Solve any seven . | 7x5 |
| | a) Discuss the reaction of Hofmann's degradation. | =35 |
| | b) Explain resonance and Kekule's structure of benzene. | |
| | c) Explain the acid value and saponification value along with their significance. | |
| | d) What are phenols? Explain effect of substituents on acidity. | |
| | e) Write a brief note on Iodine value, Acid value. | |
| | f) Write a note on orientation of Benzene. | |
| | g) Comment on acidic nature of aromatic acid. | |
| | h) Discuss the Kolbe's reaction. | |
| | i) Discuss the reactions of Benzoic acid. | |

GUG/W/23/10884