

35003 : Pharmaceutical Chemistry - II (Organic) : I.T-3

P. Pages : 1

Time : Three Hours



AW - 2258

Max. Marks : 80

- Notes :
1. All question carry equal marks.
 2. Answer **any eight** questions.
 3. Discuss the reaction, mechanism wherever necessary.

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| 1. | Describe methods of preparation and reactions of alkanes. | 10 |
| 2. | Write a note on polarity, electronegativity and inductive effect. | 10 |
| 3. | Discuss electrophilic aromatic substitution reaction of benzene. | 10 |
| 4. | Write an account on resolution of racemic mixture. | 10 |
| 5. | Write structure generation and fate of carbocations. | 10 |
| 6. | Write in detail about methods of preparation and reactions of carboxylic acids. | 10 |
| 7. | Write a detailed account on dienes. | 10 |
| 8. | Write the reactions and preparations of amines. | 10 |
| 9. | Discuss cycloadditions and sigmatropic reactions. | 10 |
| 10. | Write short note any two . | 10 |
| | a) Alfa, Beta unsaturated compound. | |
| | b) Absolute configuration. | |
| | c) Orbital symmetry rules | |
