



## BANGALORE INSTITUTE OF COACHING

### Details of Number of Memory Maps Conceptwise

Sl.No.	Name of the lesson	Contents of the memory map	Total No. of memory maps
1.	Phenols	<b>Phenol-01</b> – Introduction, Classification, Methods of Preparation, Physical properties	5
		<b>Phenol-02</b> -Chemical Properties-Reactions involving cleavage of -OH bond – $\rightarrow$ Acidity of Phenol	
		<b>Phenol-03</b> -Chemical Properties-Reactions involving cleavage of-OH bond- $\rightarrow$ Esterification	
		<b>Phenol-04</b> -Chemical Properties-Electrophilic aromatic substitution (Nitration & Bromination)	
		<b>Phenol-05</b> -Chemical Properties-Reimer-Tiemann reaction, Kolbe's reaction, Oxidation, Reduction to benzene & Uses	

**2 questions banks from commisionerate of PU Board & Previous years board exam with most likely questions.**

Sl.No.	Name of the lesson	Name of the memory map	Total No. of memory maps
2.	Haloalkanes & Haloarenes (R-X & Ar-X)	<p><b>H-alk &amp; H-arene-01</b> – Introduction &amp; Classification.</p> <p><b>H-alk&amp; H-arene -02</b>-Method of preparation → From Alcohols</p> <p><b>H-alk&amp; H-arene -03</b>- Method of preparation → By halogen exchange method</p> <p><b>H-alk&amp; H-arene -04</b>-Physical Properties.</p> <p><b>H-alk&amp; H-arene -05</b>-Chemical Properties- of H-alkanes Nucleophilic substitution reactions</p> <p><b>H-alk &amp; H-arene -06</b>- Chemical Properties- of H-alkanes Nucleophilic substitution reactions-Reaction</p>	13

		Mechanisms S <sub>N</sub> 1 & S <sub>N</sub> 2	
		<b>H-alk &amp; H-arene -07-</b> Chemical Properties- of H-alkanes Stereochemical aspects of Nucleophilic substitution reactions	
		<b>H-alk &amp; H-arene -08-</b> Chemical Properties- of H-alkanes -β elimination & Zaitsev's rule	
		<b>H-alk &amp; H-arene -09-</b> Chemical Properties- of H-alkanes-Reaction with metals	
		<b>H-alk &amp; H-arene -10-</b> Chemical Properties- of H-arenes- Nucleophilic substitution reactions	
		<b>H-alk &amp; H-arene -11-</b> Chemical	

		Properties- of H-arenes- Reactions with metals	
		<b>H-alk &amp; H- arene -12-</b> Chemical Properties- of H-arenes- electrophilic substitution reactions	
		<b>H-alk &amp; H- arene -13-</b> Polyhalogen compounds	

**3 questions banks from commisionerate of PU Board & Previous years board exam with most likely questions.**