



(Pyran)

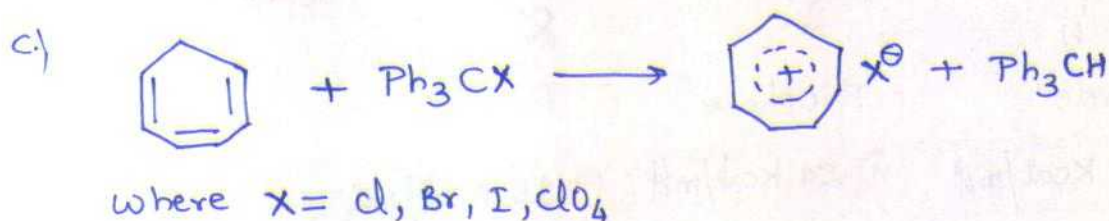
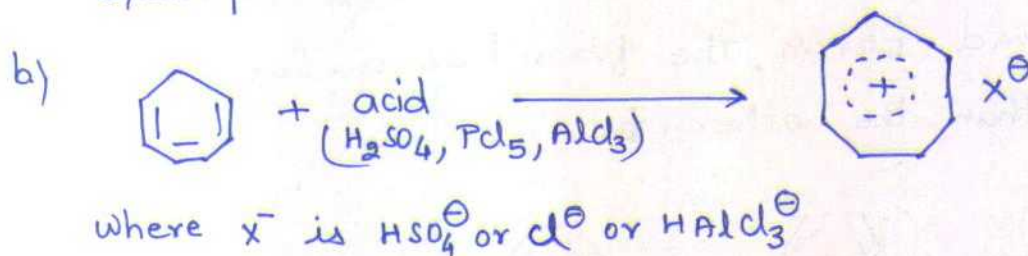
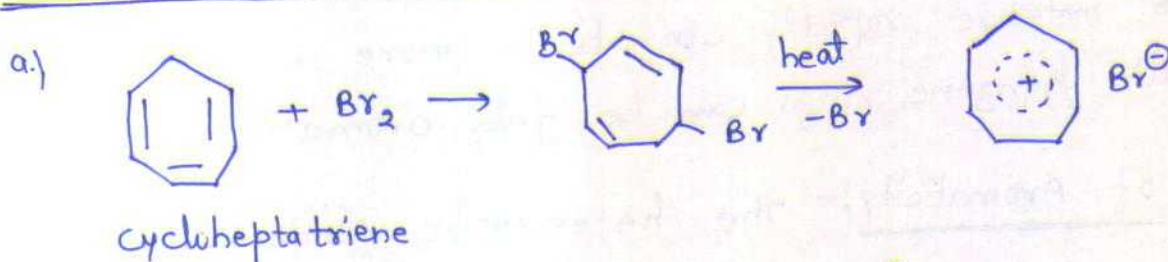
non aromatic



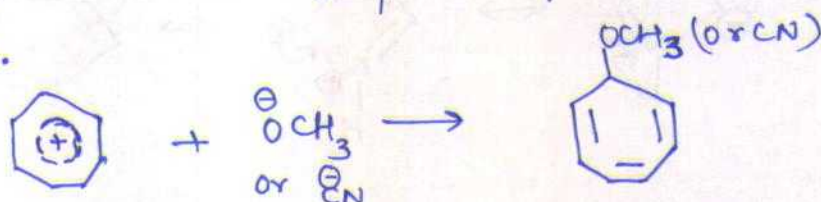
(Tropylium ion)

(aromatic)

* Tropylium halide preparation:→



→ Tropylium cation is aromatic, it is inert to electrophilic attack, but it is highly susceptible to ~~new~~ nucleophilic attack.



→ Tropylium cation is reduced by LiAlH_4 or NaBH_4 to cycloheptatriene. But catalytic hydrogenation yields cycloheptane.

→ Tropylium salts readily get alkylated by compounds containing reactive hydrogen

