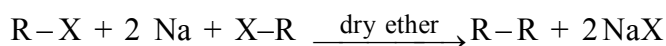
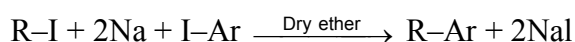


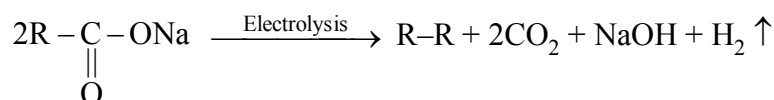
1. WURTZ REACTION :



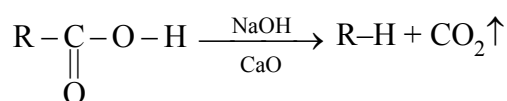
2. WURTZ-FITTING REACTION



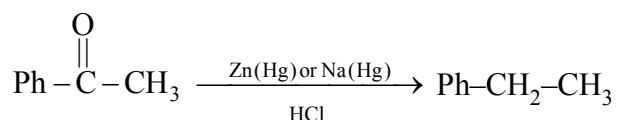
3. KOLBE'S ELECTROLYSIS



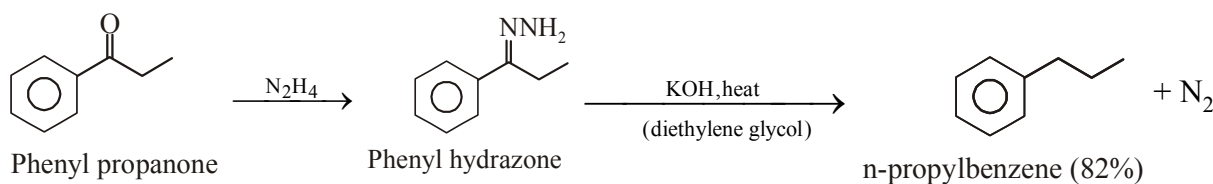
4. DECARBOXYLATION OF ACID:



5. CLEMMENSEN REDUCTION :



6. WOLF-KISHNER REDUCTION.

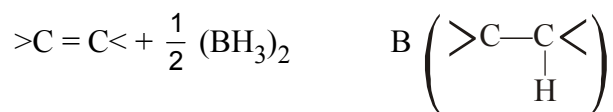


7. OXYMERCURATION – DEMERCURATION :

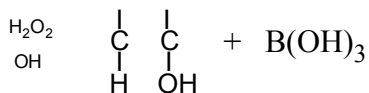
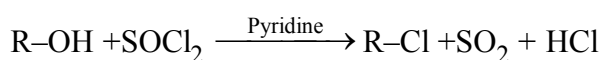
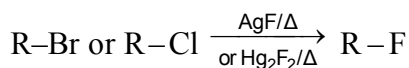
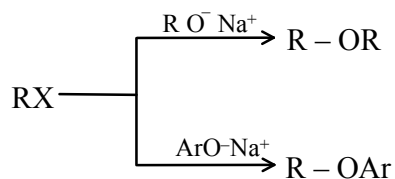
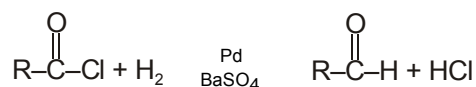
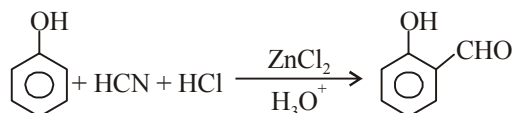
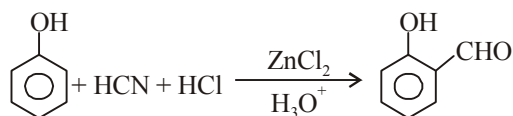


8. HYDROBORATION – OXIDATION :

(Anti-Markownikov orientation)



Alkene Diborane Tri alkyl borane

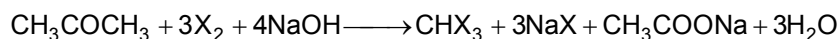
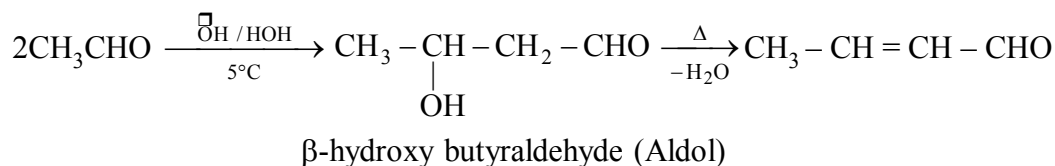
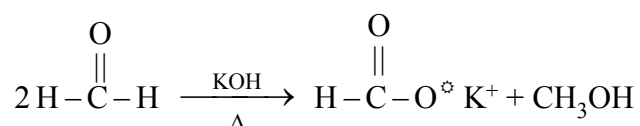
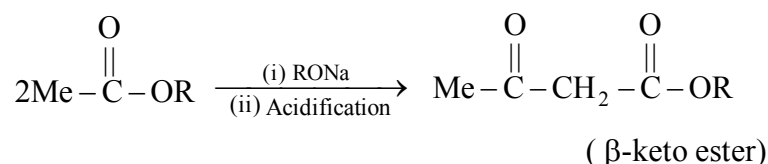
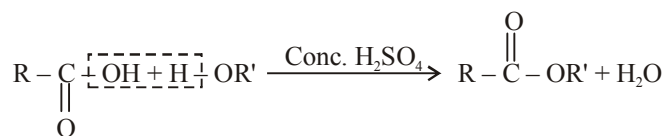
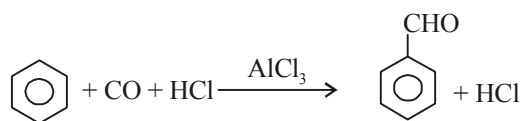
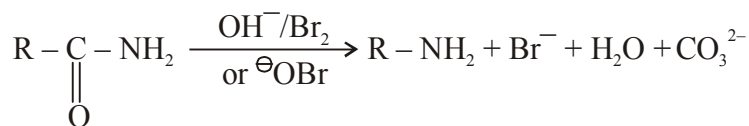
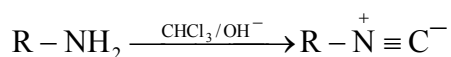
**9. (DARZEN REACTION) :****10. FINKELSTEIN REACTION :****11. SWARTS REACTION****12. WILLIAMSON SYNTHESIS**Yield from RX: $CH_3 > 1^\circ > 2^\circ > 3^\circ$ **13. KUCHEROV'S REACTION.****14. ROSENMUND REDUCTION :****15. GATTERMANN REACTION (FORMYLATION)****16. GATTERMANN REACTION (FORMYLATION)**

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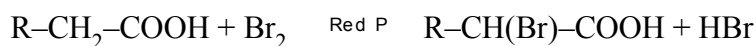
📍 : 353, Rajeev Gandhi Nagar, Instrumentation Limited Colony, Kota, Rajasthan 324005

🌐 : www.atpstar.com

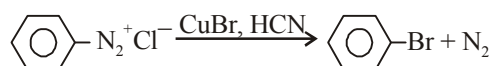
PAGE NO. 2

17. HALOFORM REACTION**18. ALDOL CONDENSATION****19. CANNIZARO REACTION****20. CLAISEN ESTER CONDENSATION****21. ESTERIFICATION :****22. GATTERMANN-KOCH REACTION****23. HOFFMANN BROMAMIDE REACTION****24. CARBYLAMINE REACTION :**

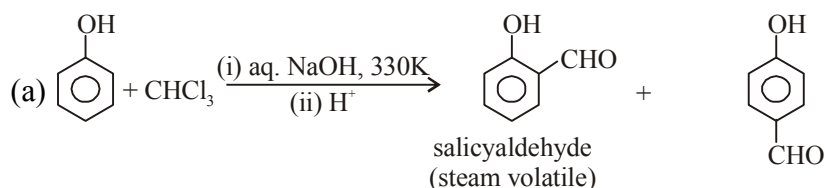
25. HELL-VOLHARD-ZELINISKY (HVZ)



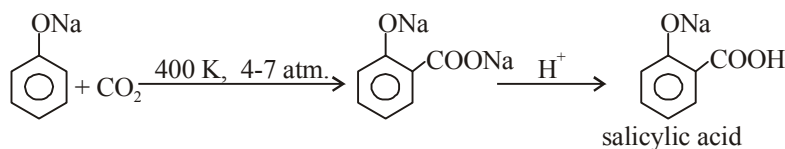
26. SANDMEYER REACTION



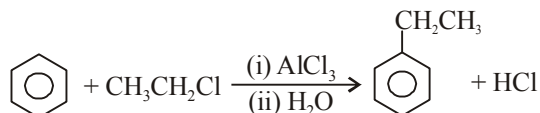
27. REIMER-TIEMANN REACTION



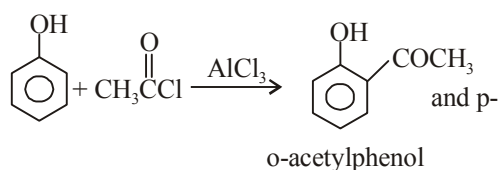
28. KOLBE REACTION (CARBONATION)



29. FRIEDEL-CRAFTS ALKYLATION



30. FRIEDEL CRAFT ACYLATION



31. STEPHEN REACTION

