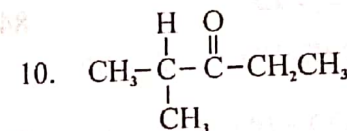
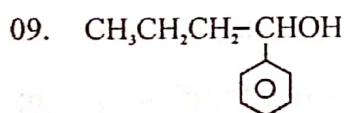
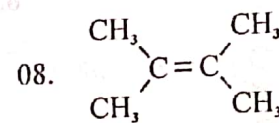
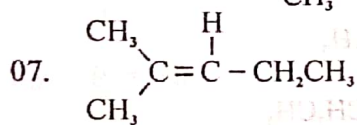
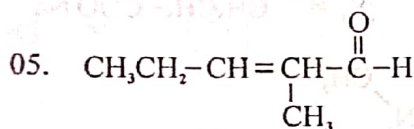
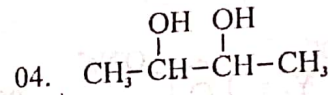
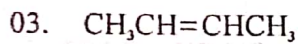
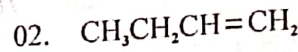
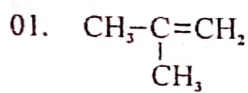
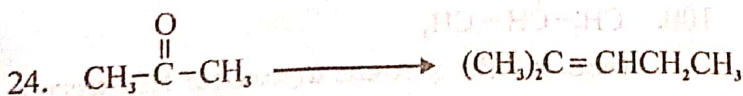
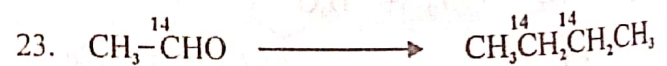
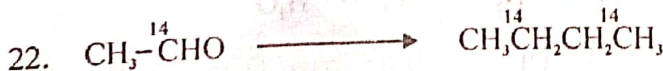
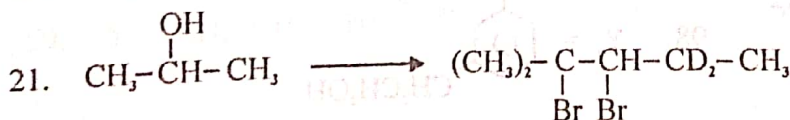
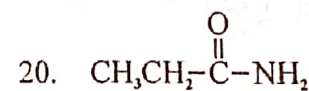
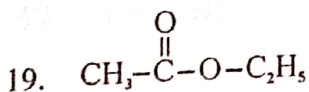
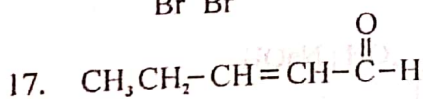
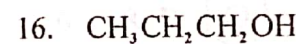
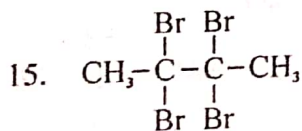
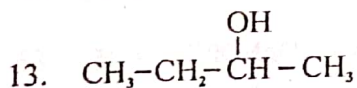
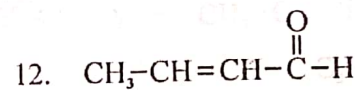
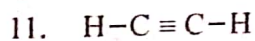


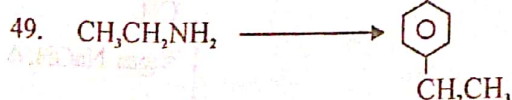
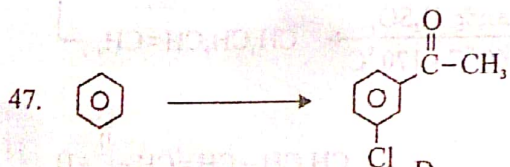
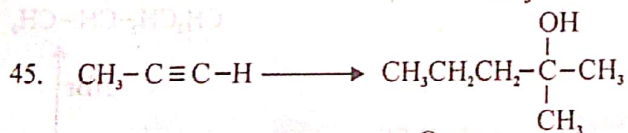
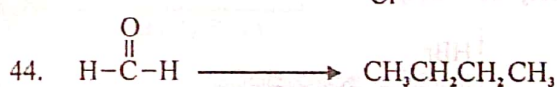
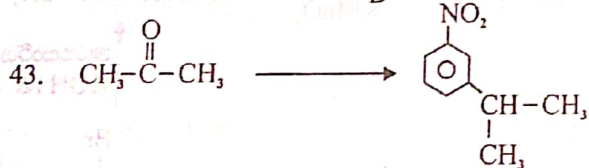
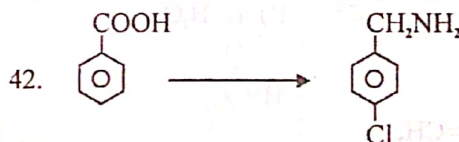
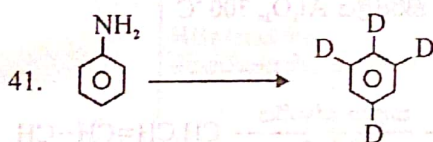
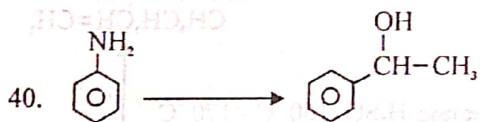
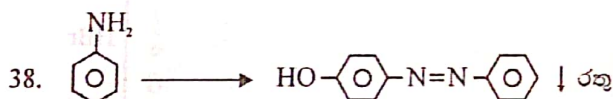
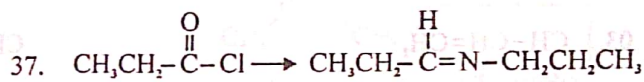
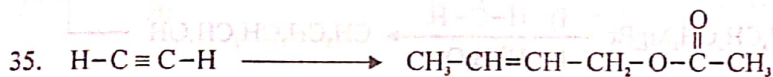
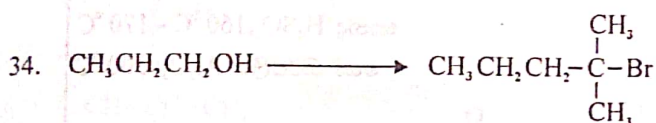
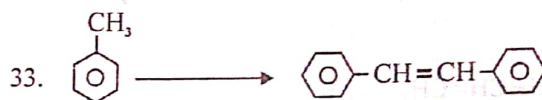
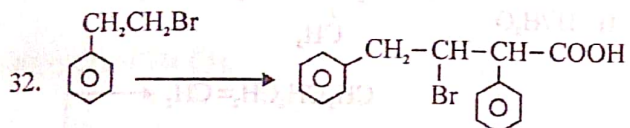
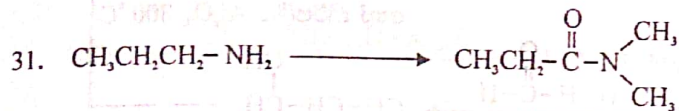
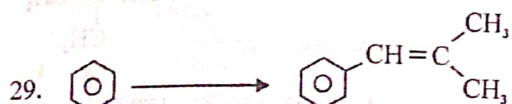
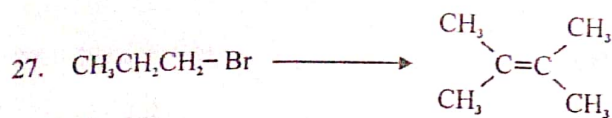
පහත දැක්වෙන පරිවර්තන සිදු කරමින් ඒවා දී ඇති පිළිතුරු සමග සසඳන්න. අවශ්‍ය ප්‍රතිකාරක සහ ප්‍රතික්‍රියා තත්ත්ව ඉතා පැහැදිලිව දැක්විය යුතු අතර ඒවා විෂය නිර්දේශයේ අන්තර්ගත සම්මත ප්‍රතික්‍රියා විය යුතු ය. තවද පරිවර්තන ක්‍රමය හැකි සෑමවිටම කෙටි විය යුතු ය.

- ප්‍රොපීන් ($\text{CH}_3\text{-CH=CH}_2$) යන සංයෝගය පහත සංයෝග බවට පරිවර්තනය කරන්නේ කෙසේද?

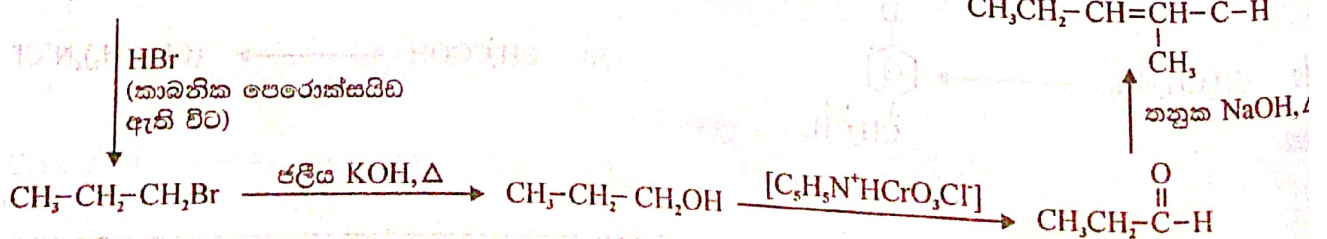
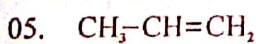
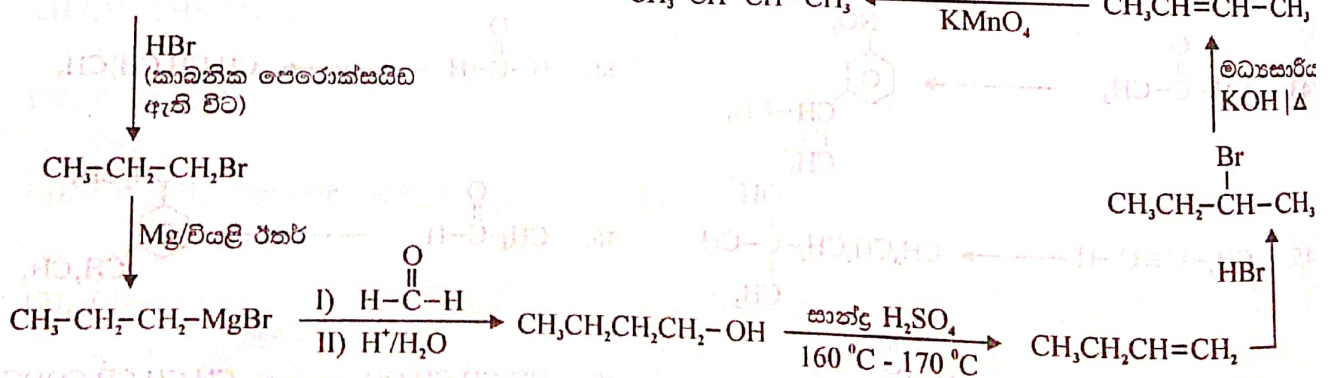
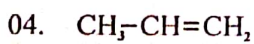
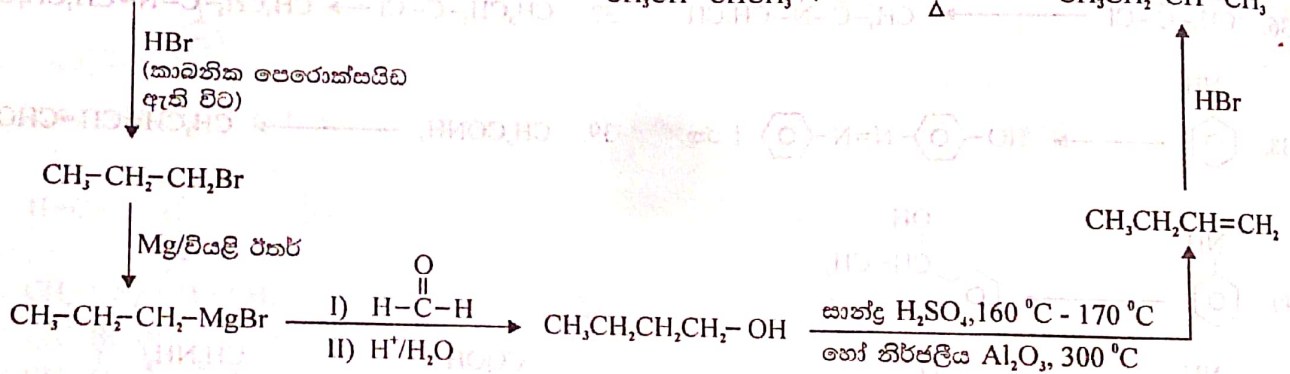
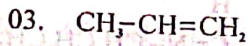
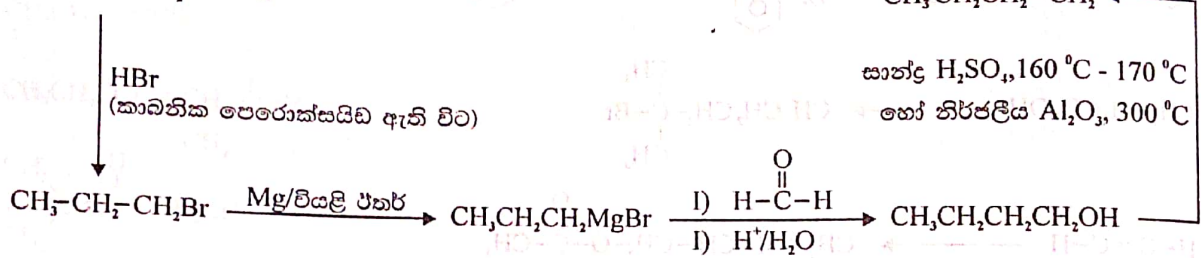
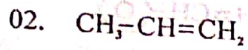
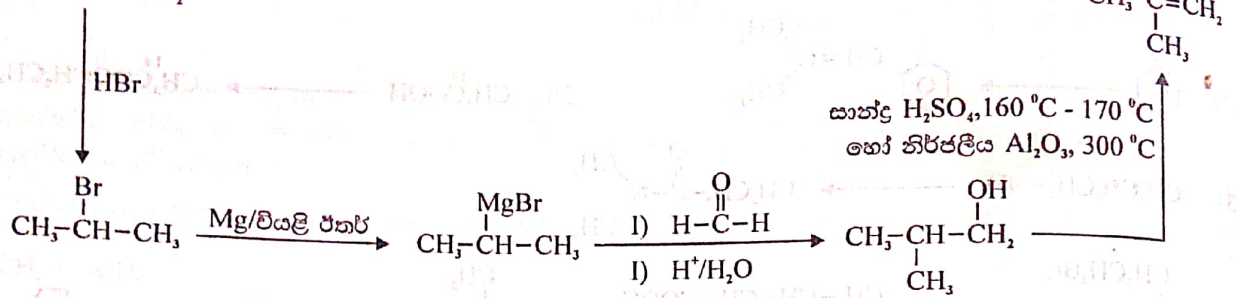
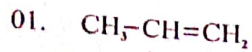


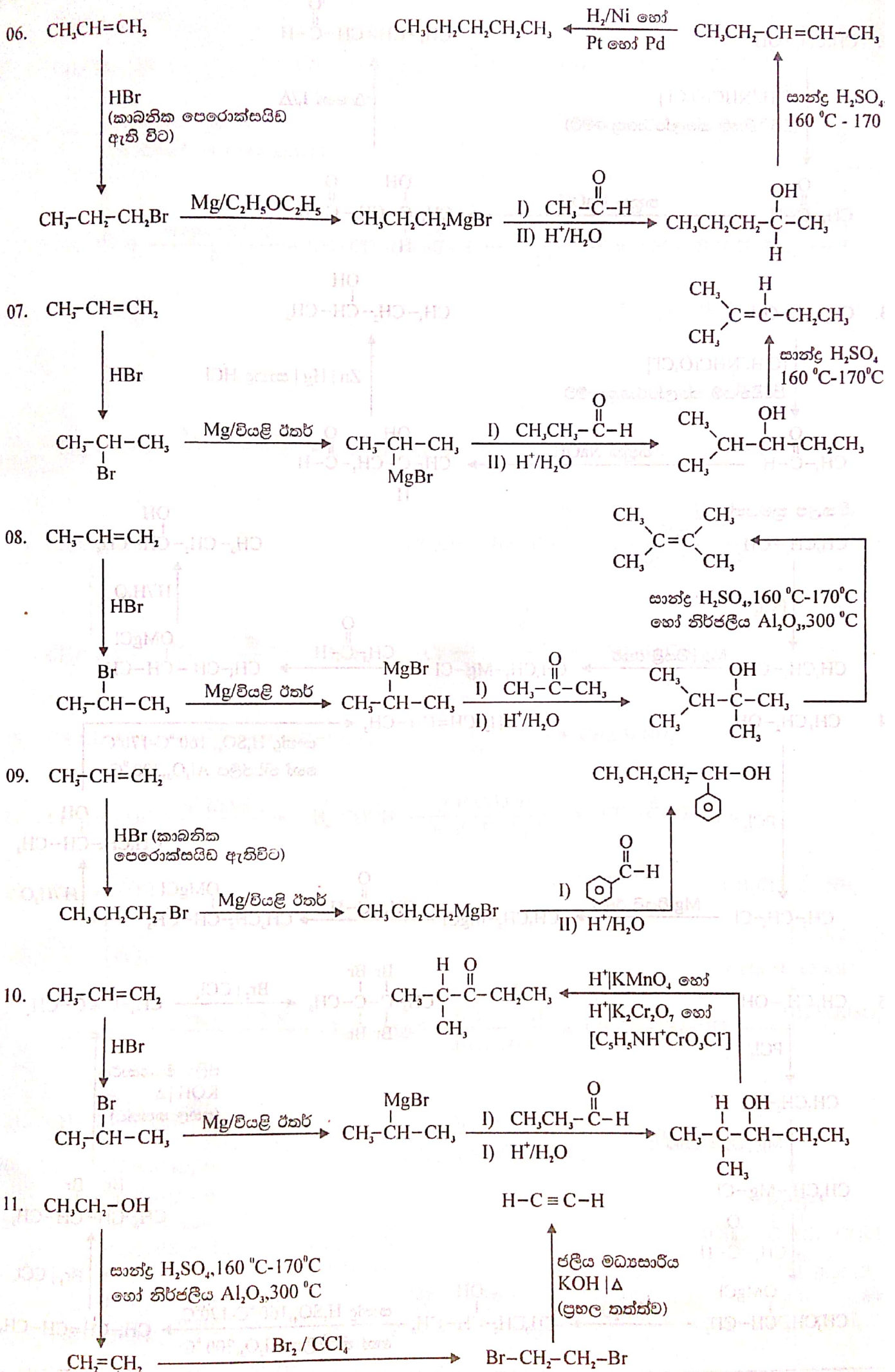
- එතනෝල් ($\text{CH}_3\text{CH}_2\text{-OH}$) යන සංයෝගයෙන් ආරම්භ කරමින් පහත පරිවර්තන සිදු කරන්නේ කෙසේද?

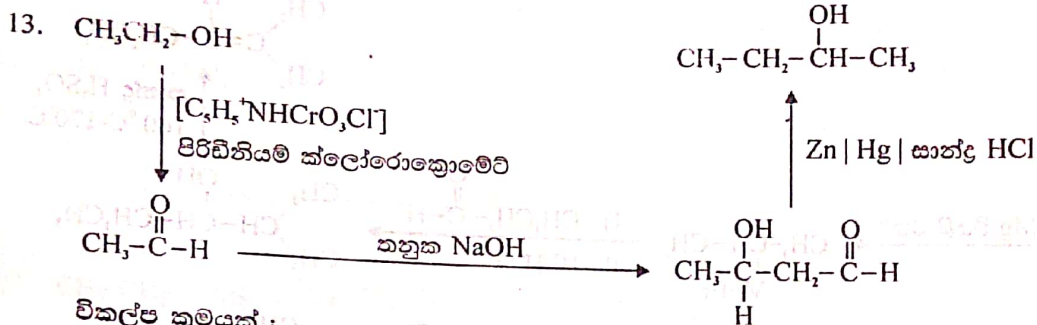
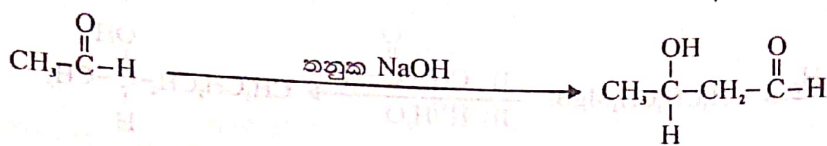
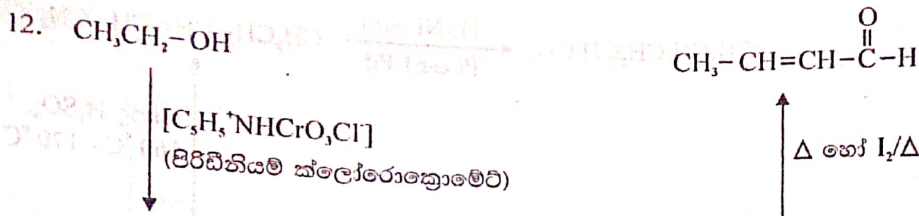




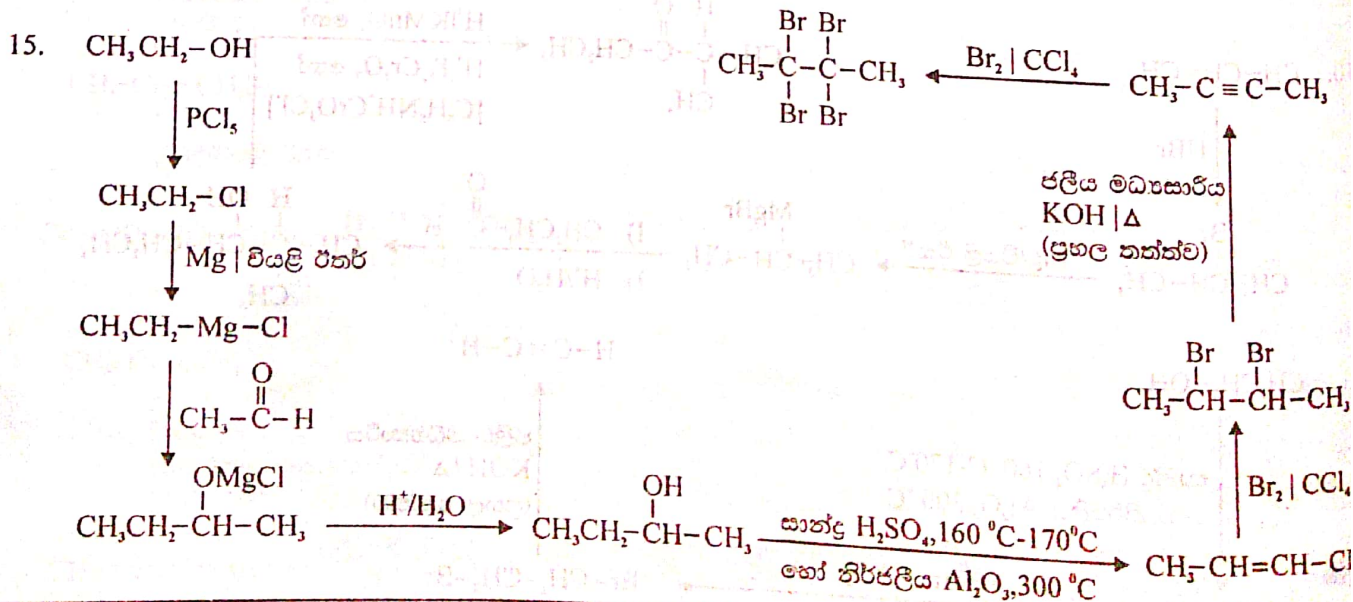
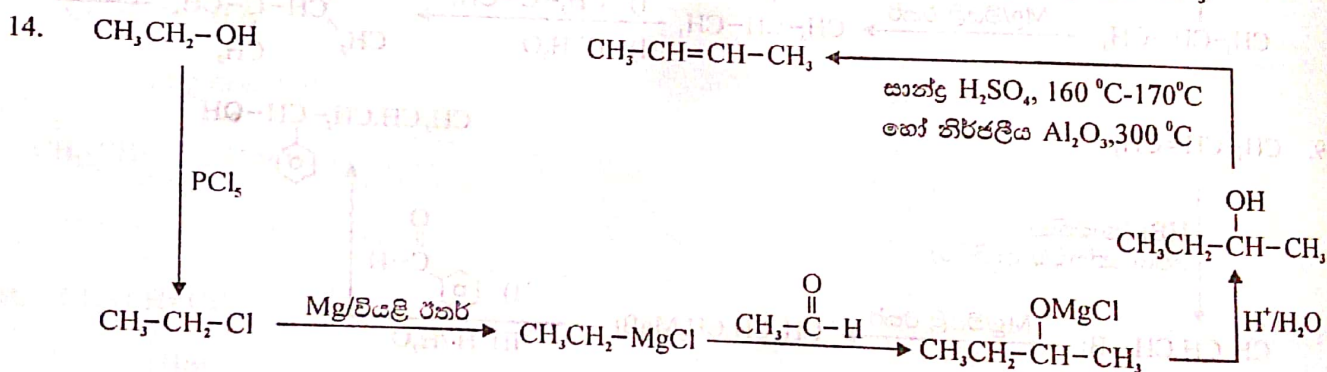
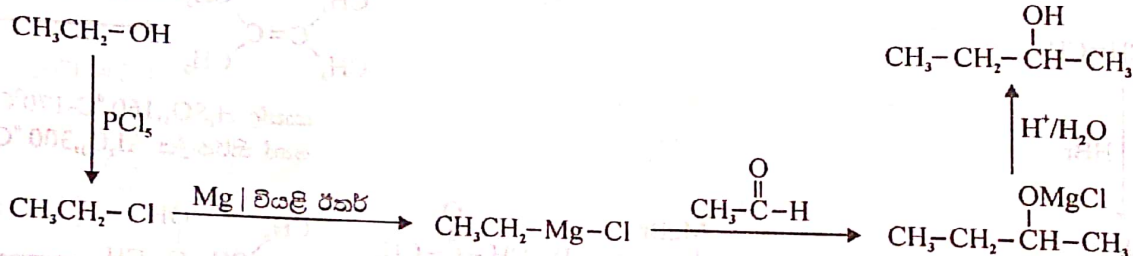
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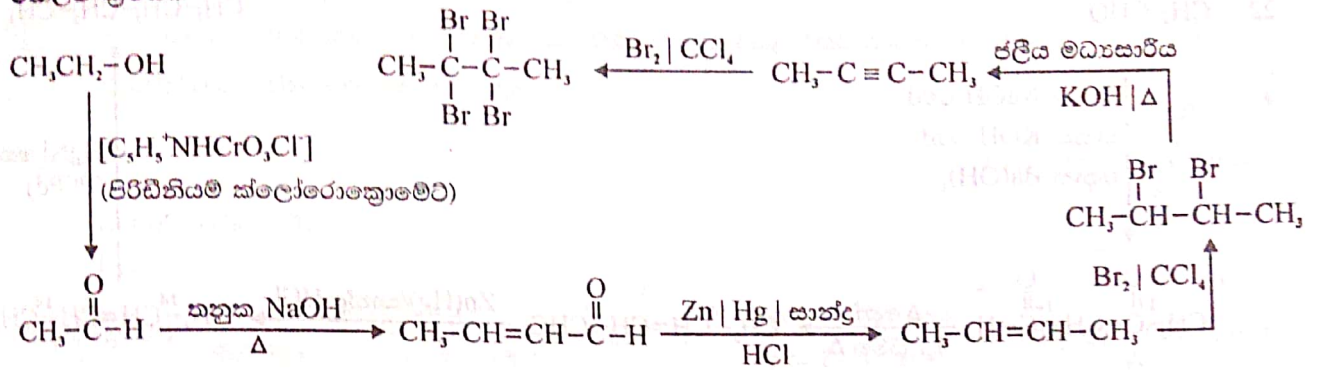




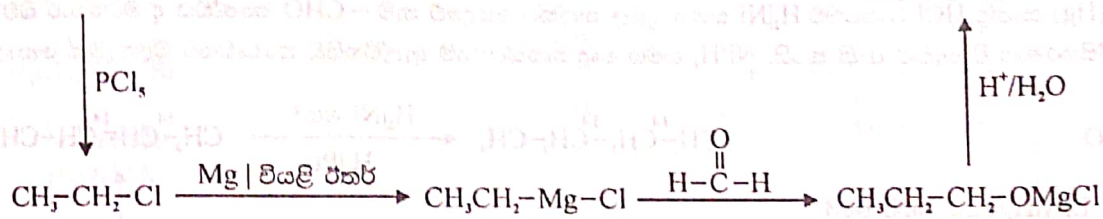
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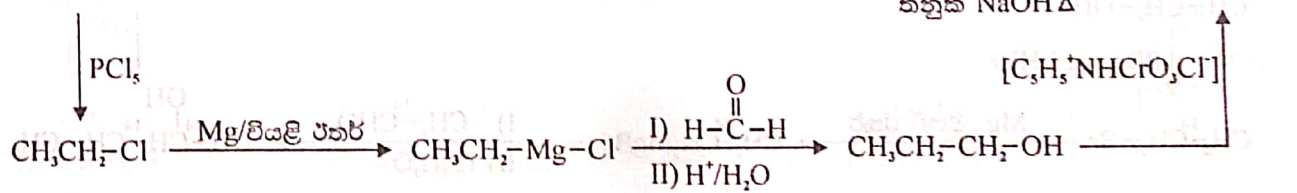
විකල්ප ක්‍රමයක් :



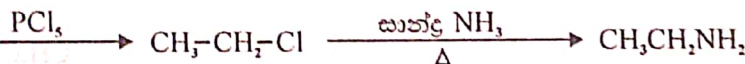
16. $\text{CH}_3\text{CH}_2-\text{OH}$



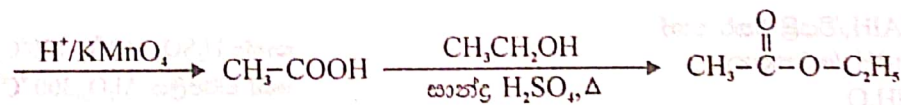
17. $\text{CH}_3\text{CH}_2-\text{OH}$



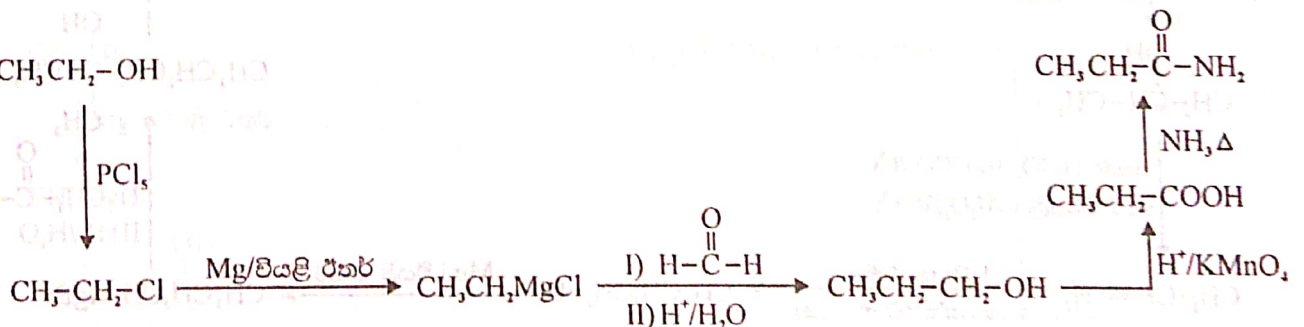
18. $\text{CH}_3\text{CH}_2-\text{OH}$



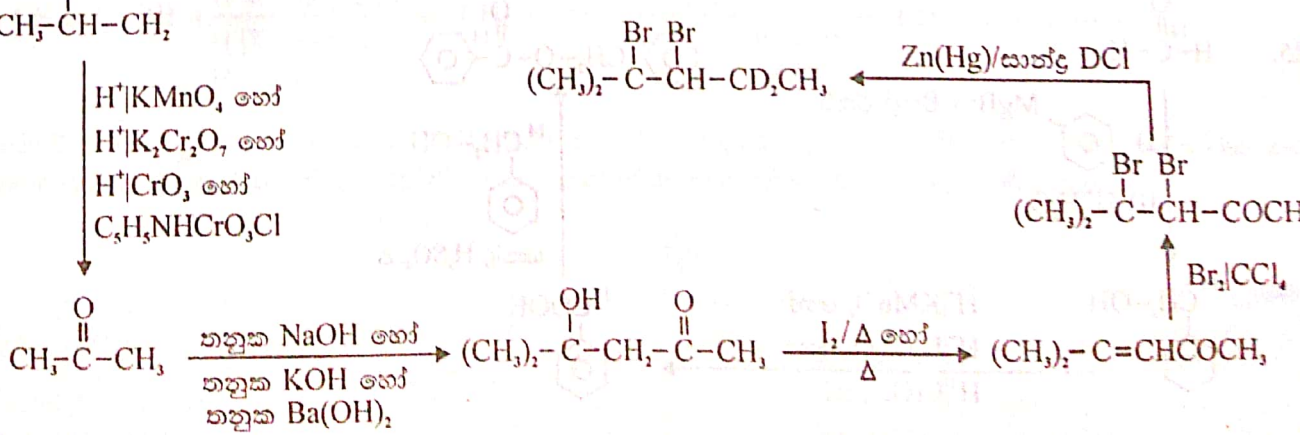
19. $\text{CH}_3\text{CH}_2-\text{OH}$

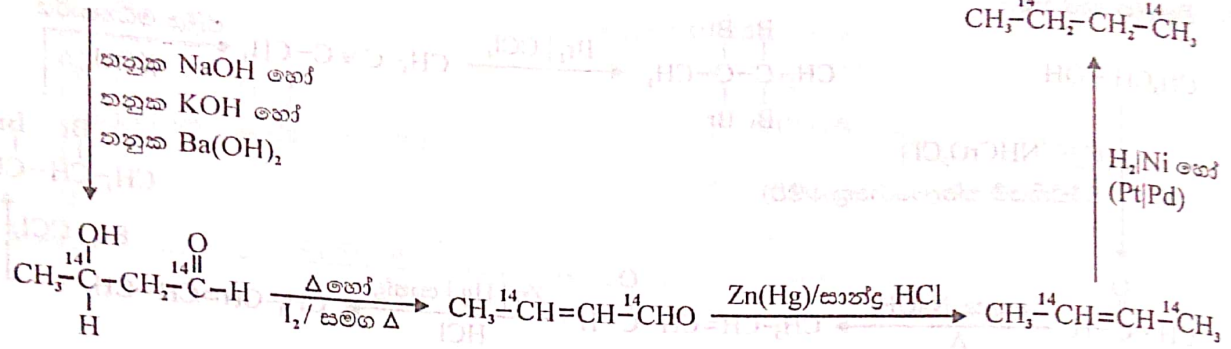
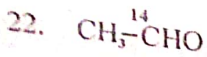


20. $\text{CH}_3\text{CH}_2-\text{OH}$

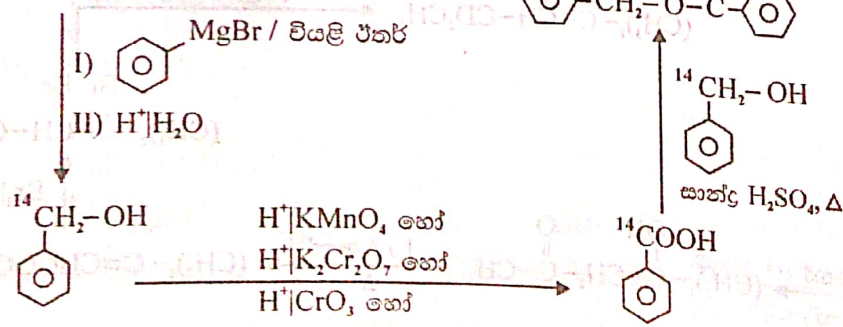
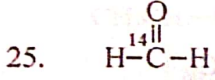
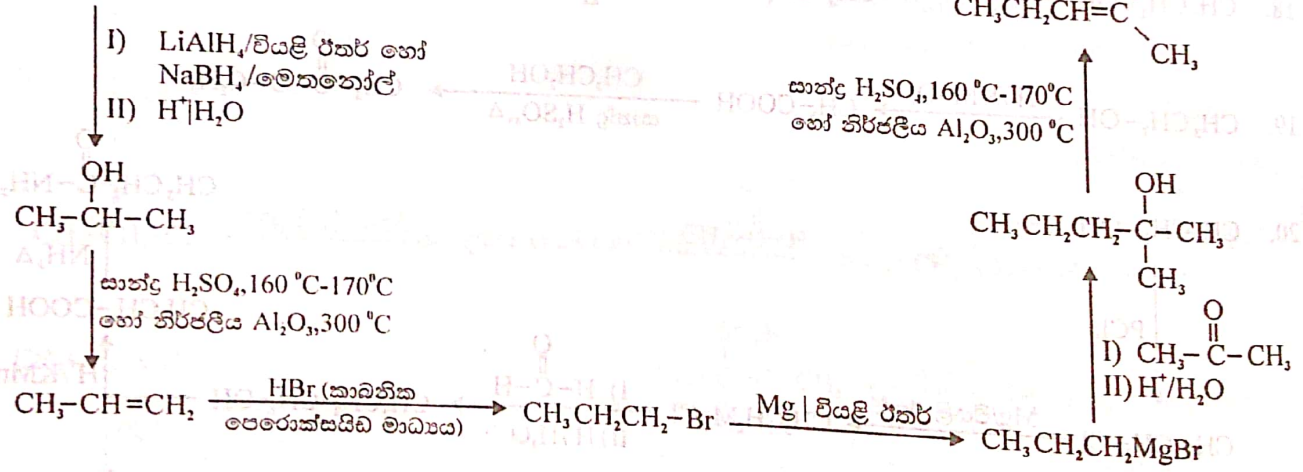
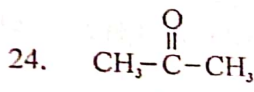
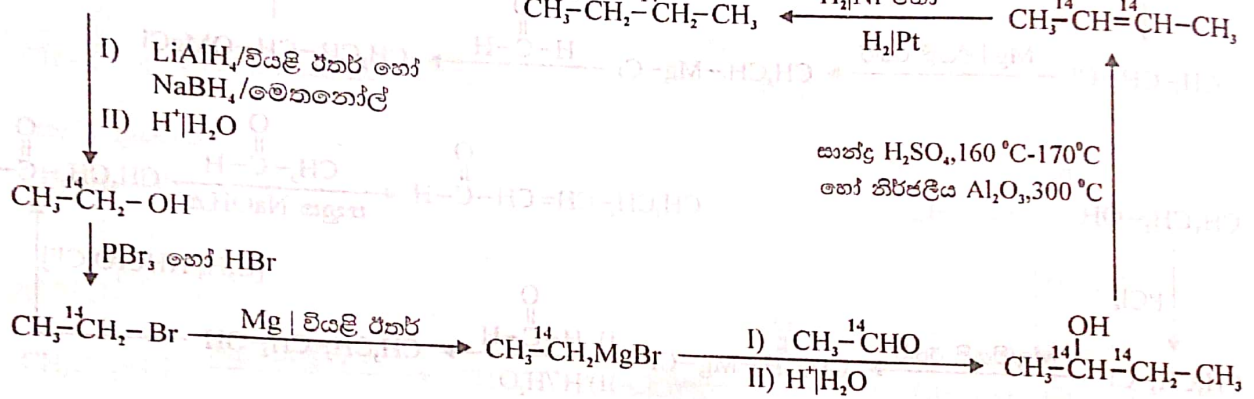
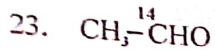


21. $\text{CH}_3-\text{CH}(\text{OH})-\text{CH}_2$



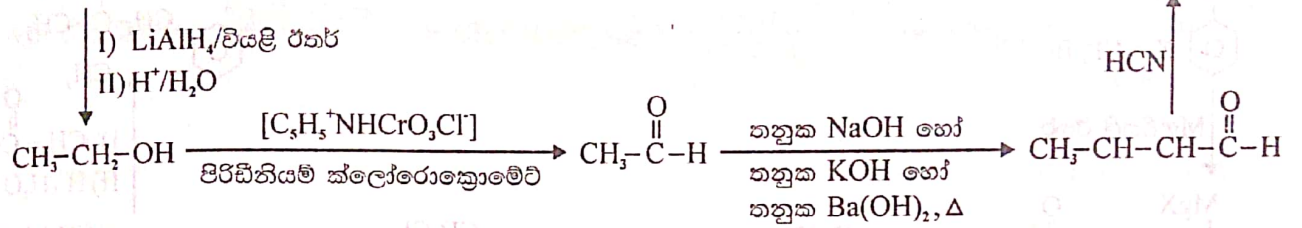


උපදෙස් : Zn(Hg) සාන්ද්‍ර HCl ට ප්‍රථමව H_2/Ni සම ම ප්‍රබල තත්ත්ව යෙදවේ නම් -CHO කාණ්ඩය ද මධ්‍යසාර බවට ඔක්සිහරණය වී ගැටළු ඇති කරයි. Ni/H_2 සම ම මෘදු තත්ත්ව නම් ඇල්ඩිහයිඩ් කාණ්ඩයට බලපෑමක් නොවේ.

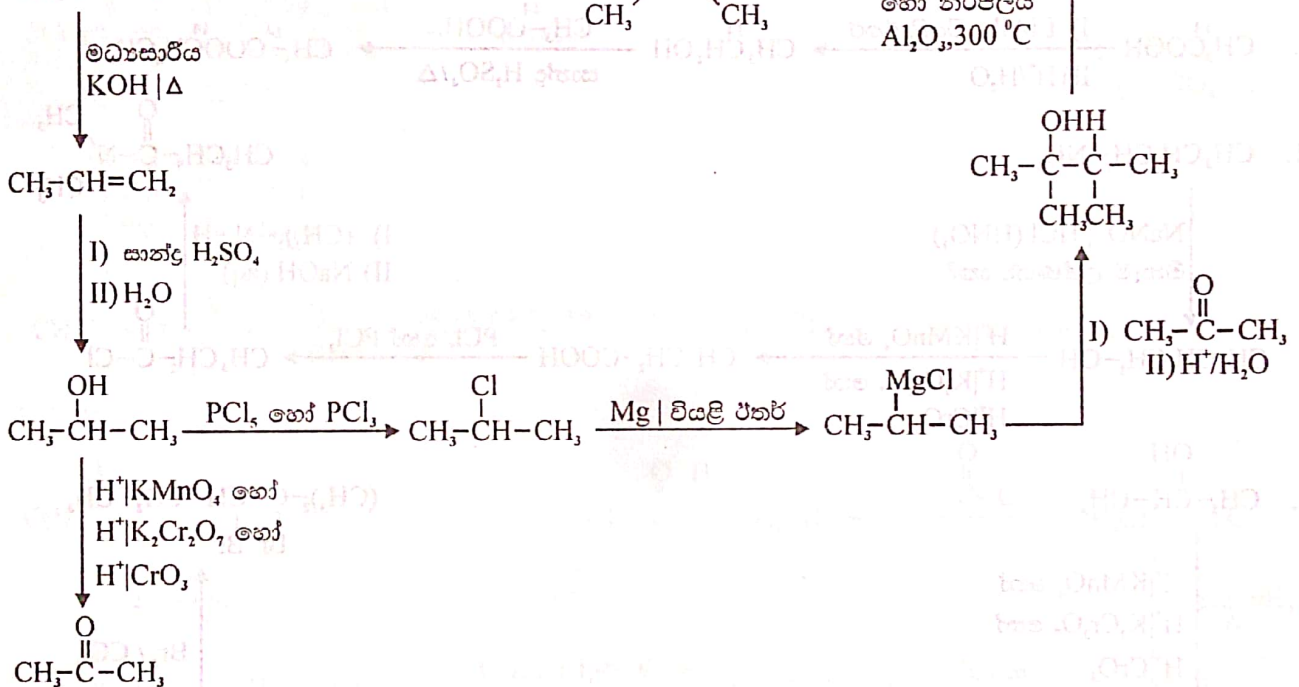


- MgBr ප්‍රතිකාරකයක් ලෙස නොපවතින අතර එය අවශ්‍ය විවේක වියළි ඊතර මාධ්‍යයේදී පිළියෙල කර ගත යුතු ය. එබැවින් එය සංශ්ලේෂණය පෙන්විය යුතුය.

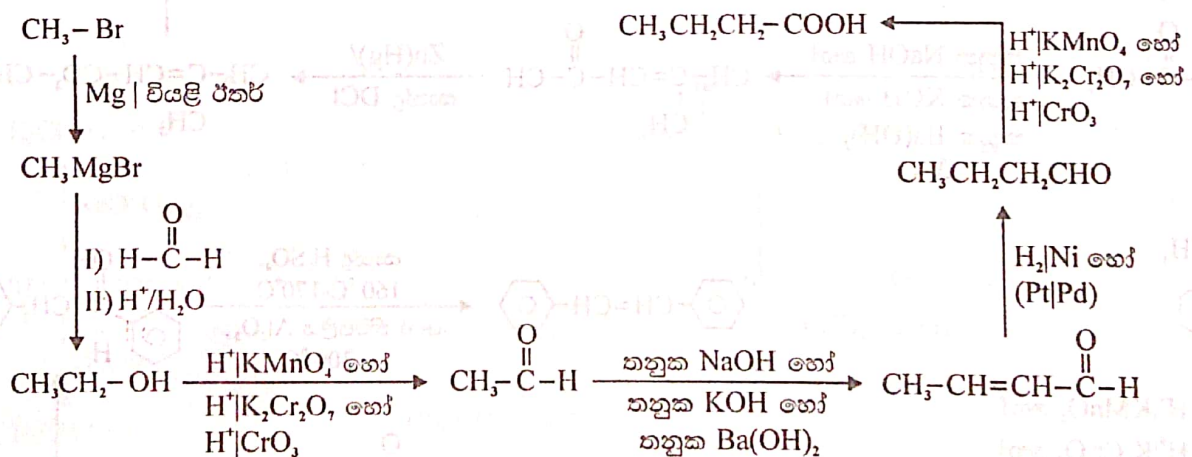
26. CH_3COOH



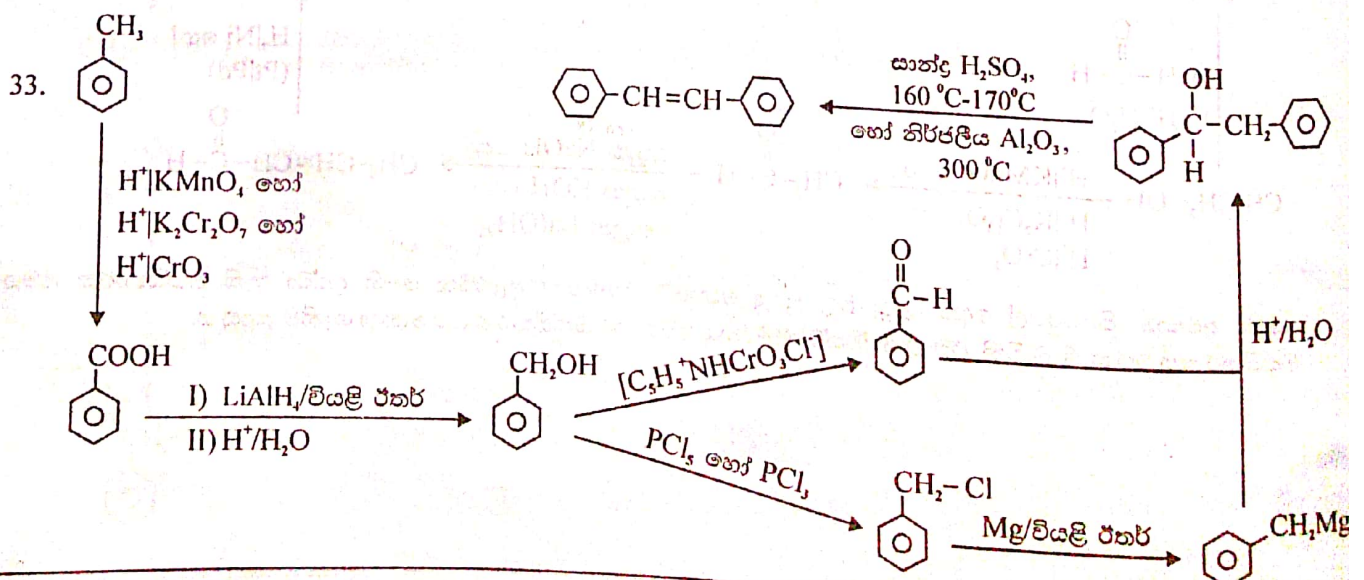
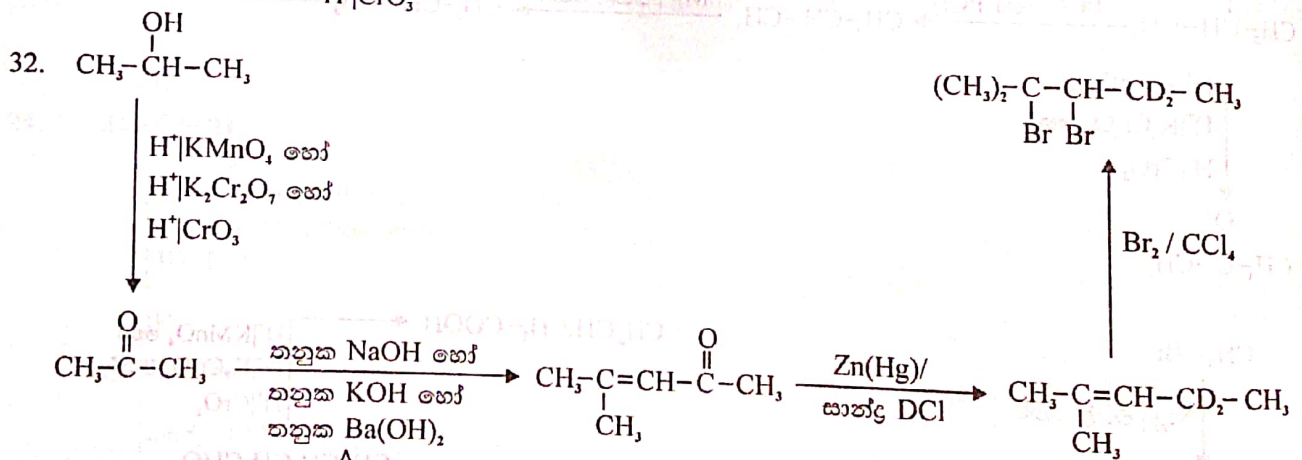
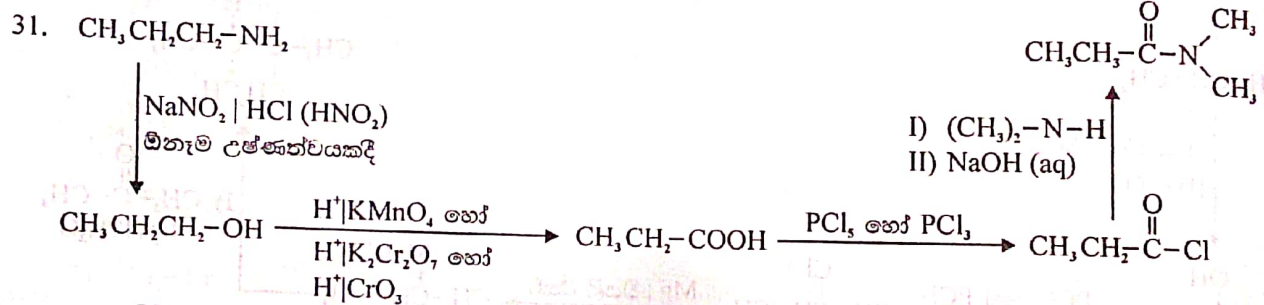
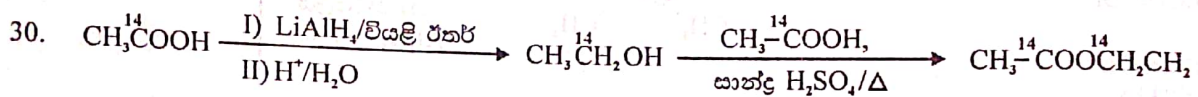
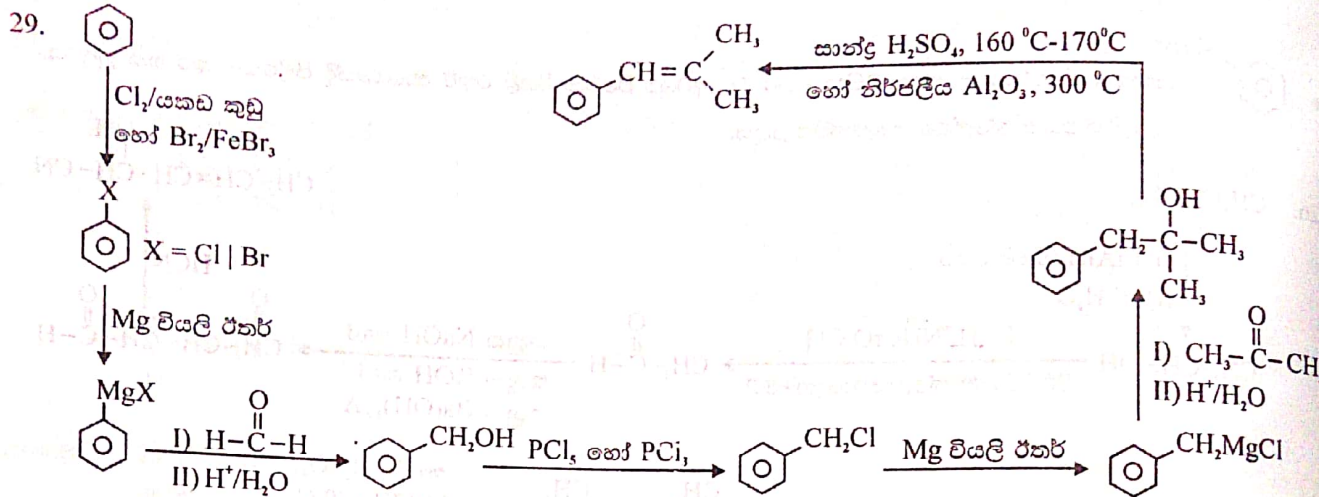
27. $\text{CH}_3\text{CH}_2\text{CH}_2\text{Br}$

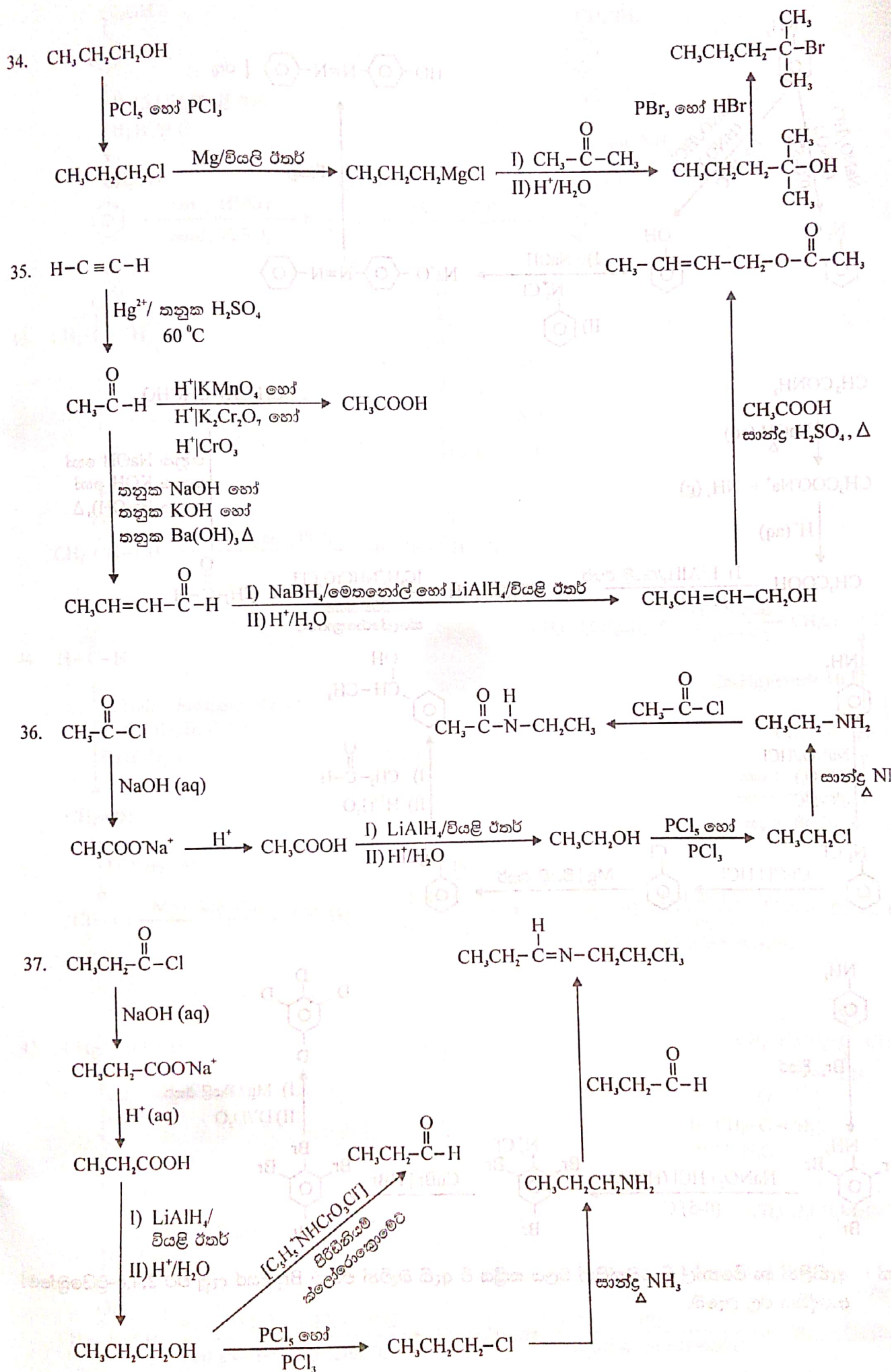


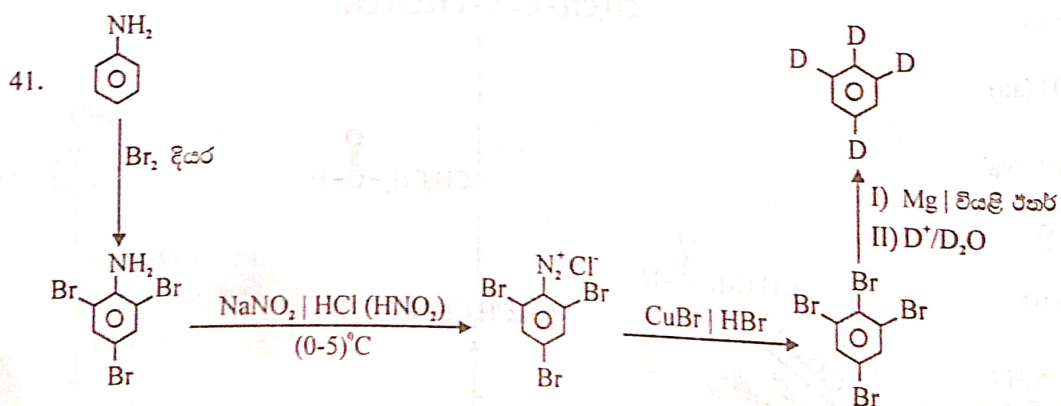
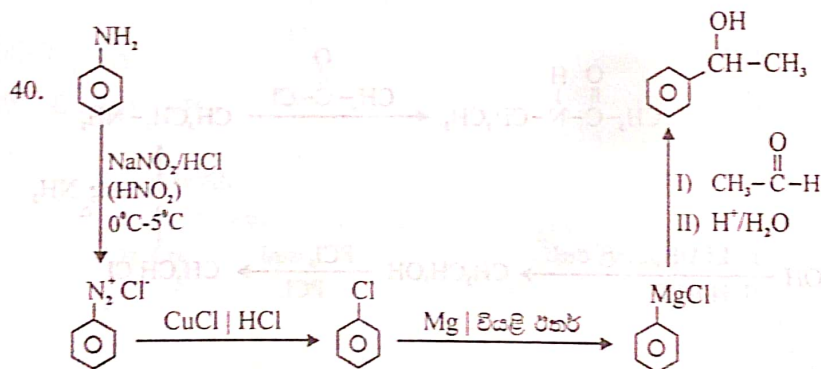
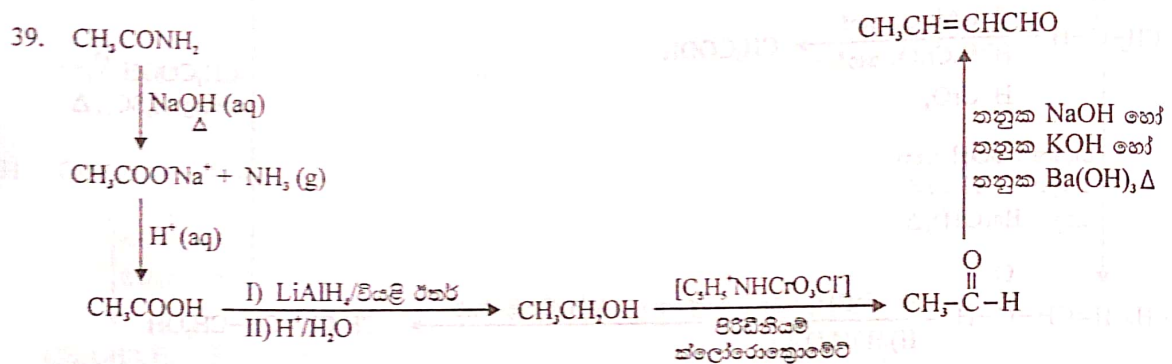
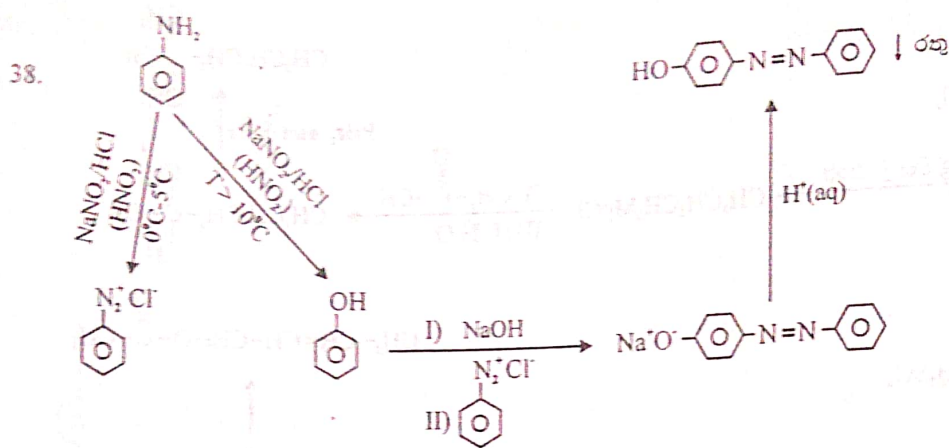
28. CH_3Br



- මෙහිදී අවසාන වියවරවල් දෙක මාරු වීම සුදුසු නොවේ. මන්දයත් ඇල්කීන මෙහි දක්වා ඇති ඔක්සිකාරක සහ ඔක්සිකරණය විය හැකි බැවිනි. එබැවින් ද්විත්ව බන්ධනය ඉවත් කර ඔක්සිකරණයට යොදා ගැනීම සුදුසු ය.







වැදගත් : ඇනිලින් හා පිනෝල් හි බෙන්සීන් වලට සමාන වී ඇති බැවින් ඒවාට Br₂ දියර දැමූ විට 2,4,6-ට්‍රයිබ්‍රෝමෝ

