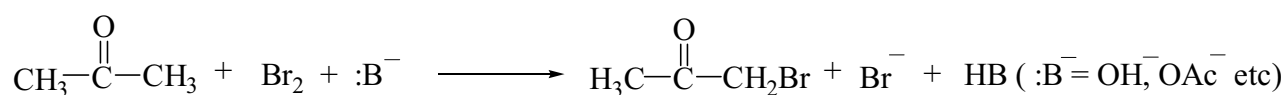
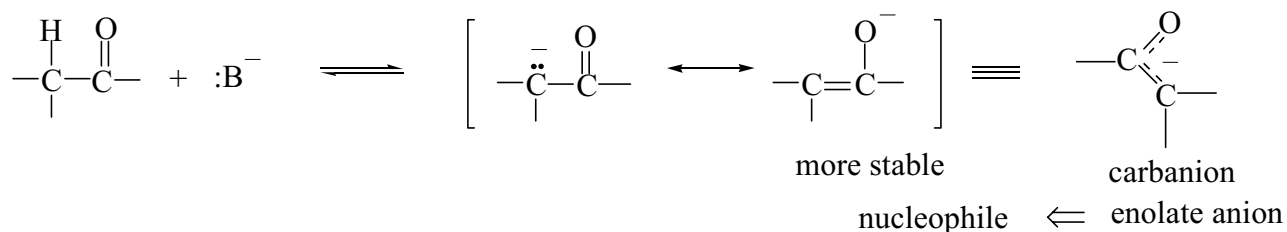
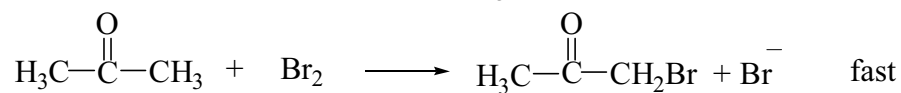
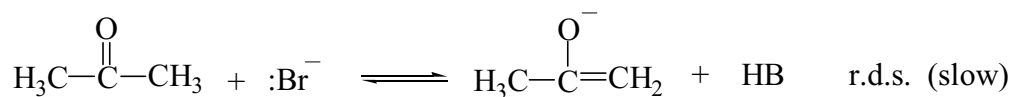


## Chapter 21



$$\text{rate} = k [\text{acetone}][\text{:B}^-]$$

⇓

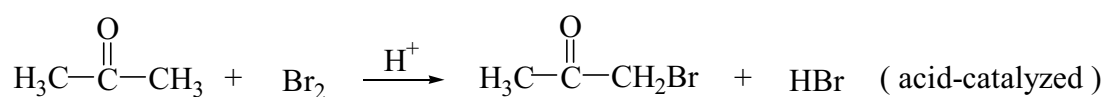


⇓

$$\text{the rxn with I}_2 : \text{rate} = k [\text{acetone}][\text{:B}^-]$$

⇓

support the proposed mechanism



rate : independent of  $[\text{Br}_2]$ , dependent on  $[\text{ketone}]$  and  $[\text{acid}]$

⇓

