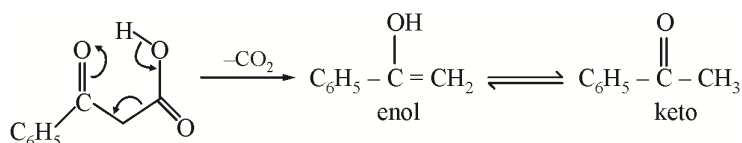
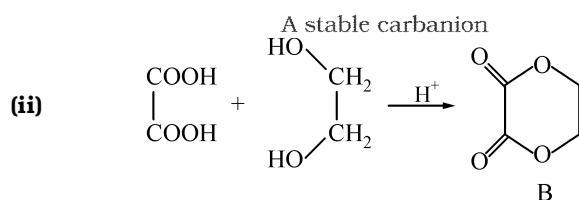
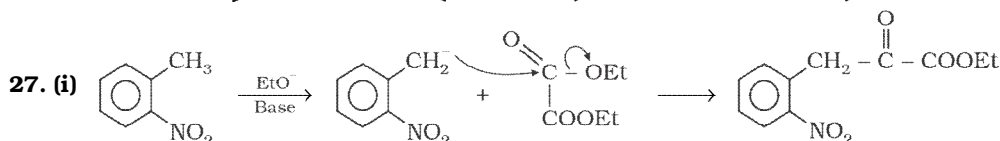
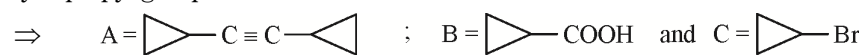


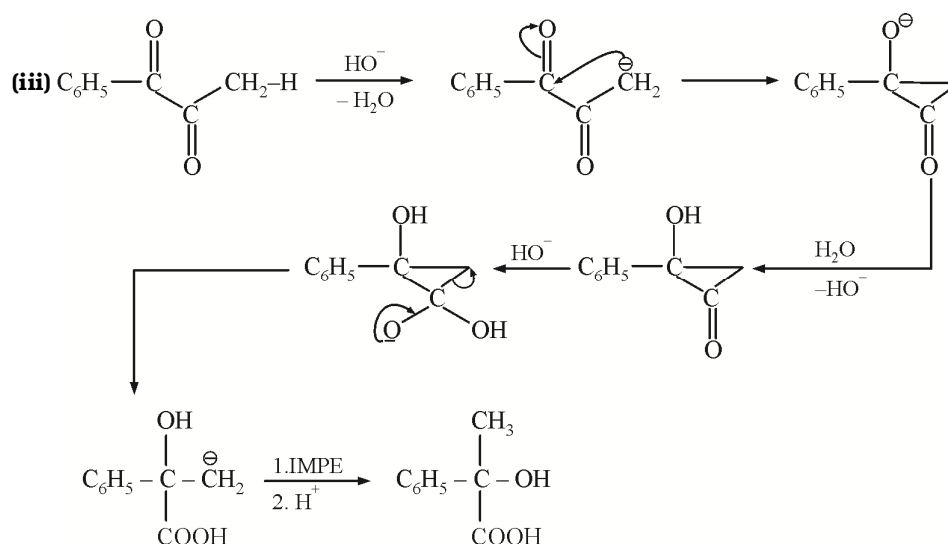
25. A  $\beta$ -keto acid undergo very fast decarboxylation



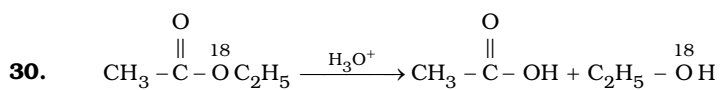
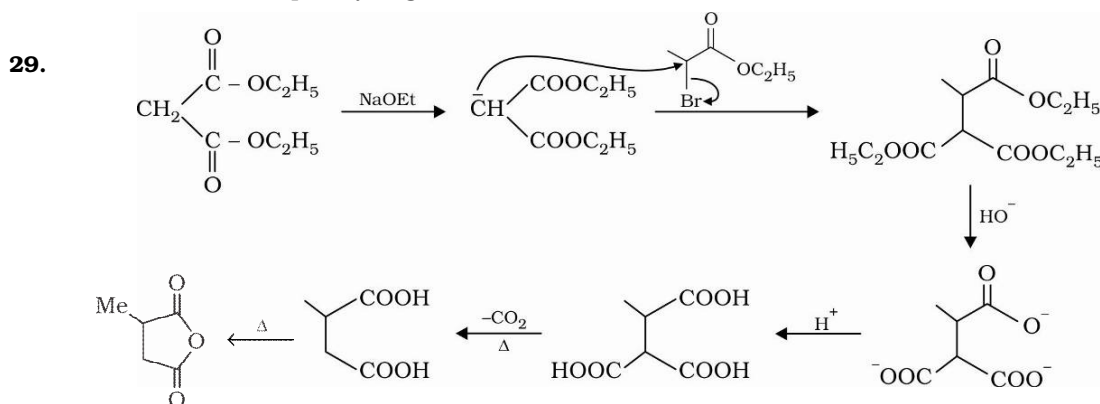
26. B is  $\text{C}_3\text{H}_5\text{COOH}$  and A is  $\text{C}_3\text{H}_5 - \text{C} \equiv \text{C} - \text{C}_3\text{H}_5$

Also A on ozonolysis gives B indicates that there is no olefinic bond in  $\text{C}_3\text{H}_5$  unit of A and it is cyclopropyl group.





**28.(C)** Methylketone and alcohol having structure similar to  $\text{CH}_3-\text{CH}(\text{OH})\text{R}$  can undergo haloform reaction. Acetic acid has alpha hydrogen atom.



Hydrolysis of ester follows acyl-O-cleavage reaction mechanism.