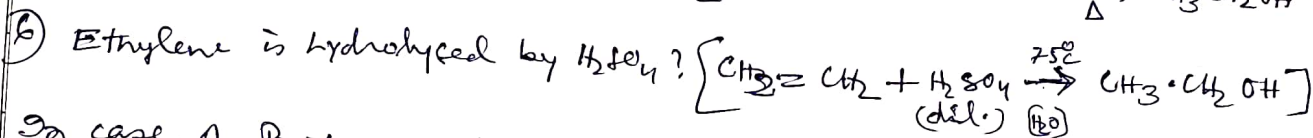
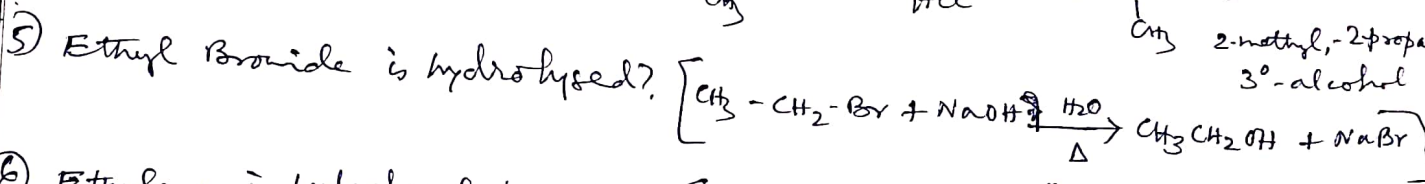
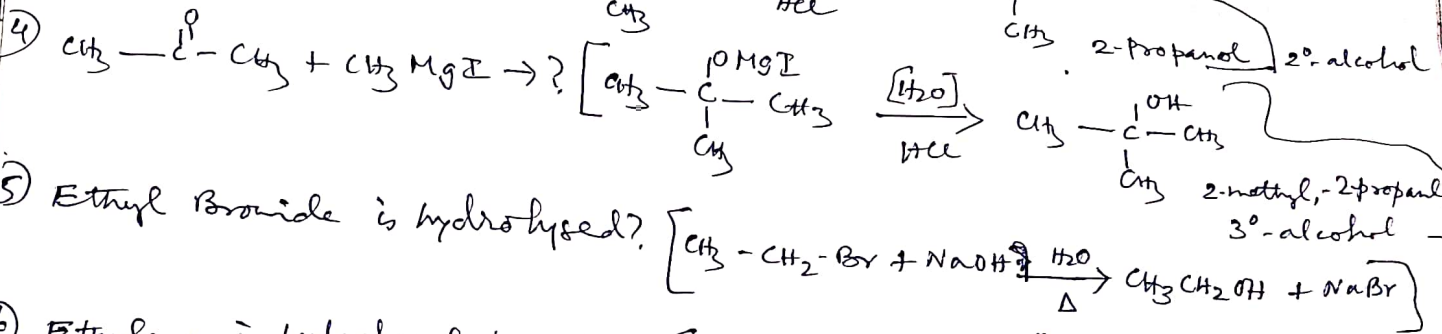
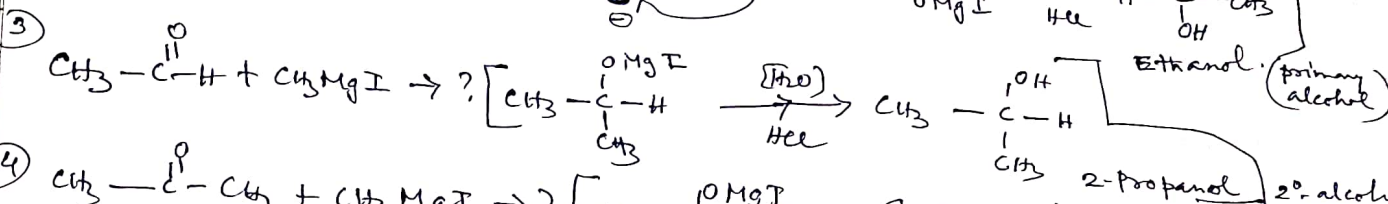
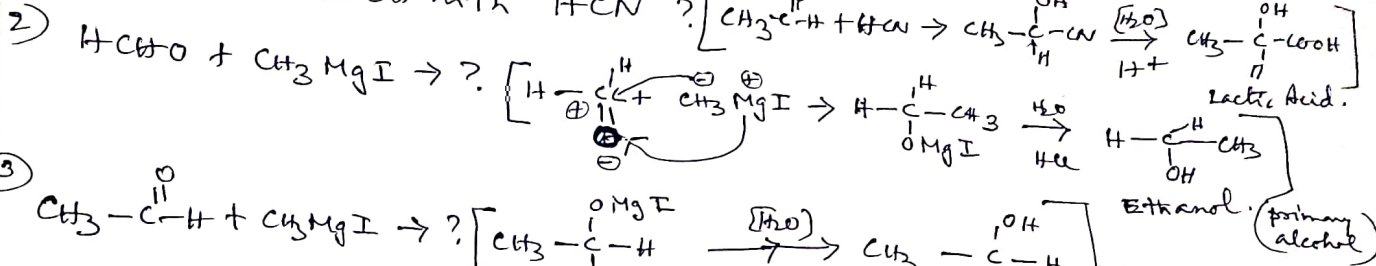
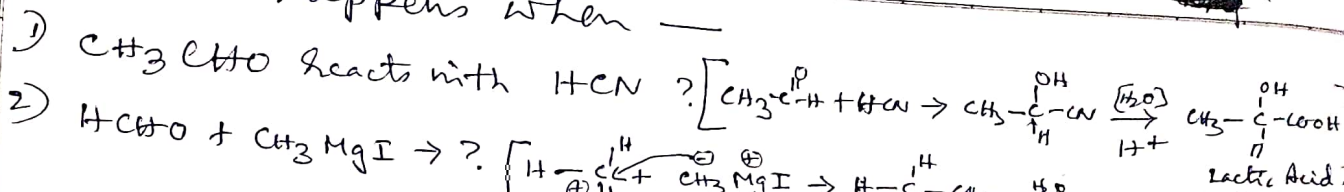
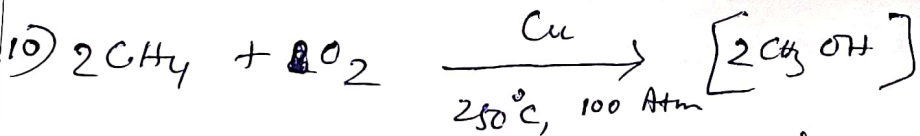
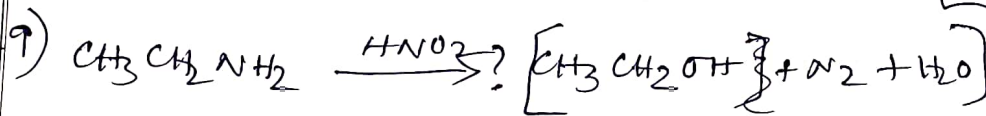
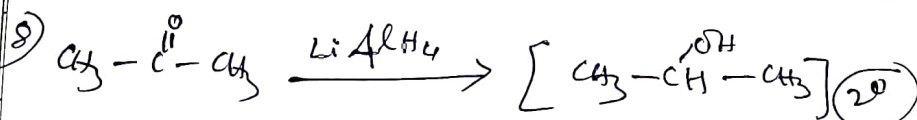
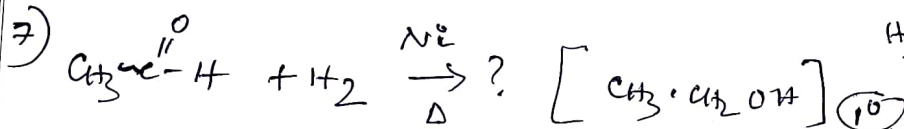
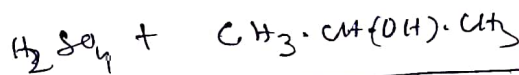
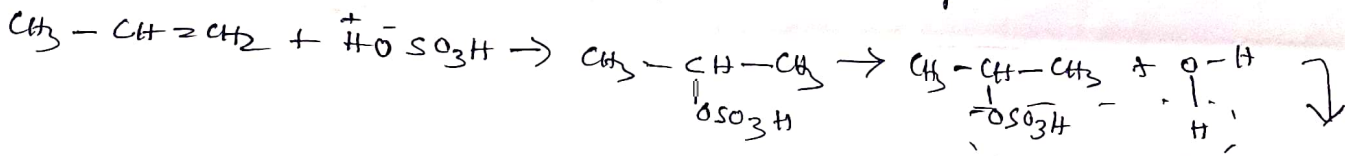


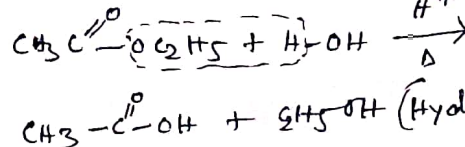
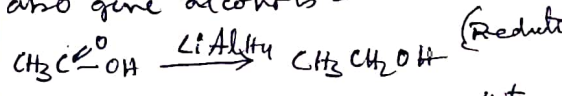
What happens when —



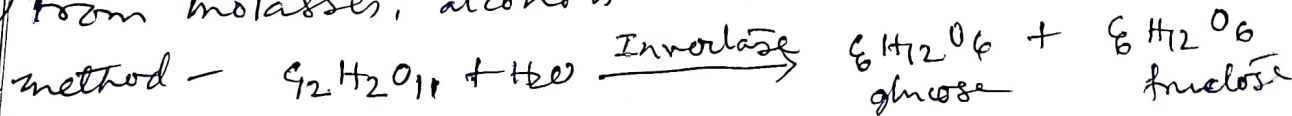
In case of Propene, Markownikoff's rule is obeyed.



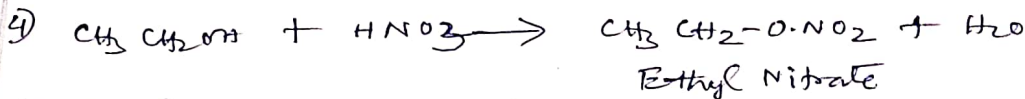
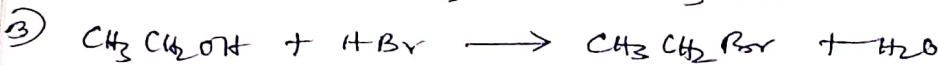
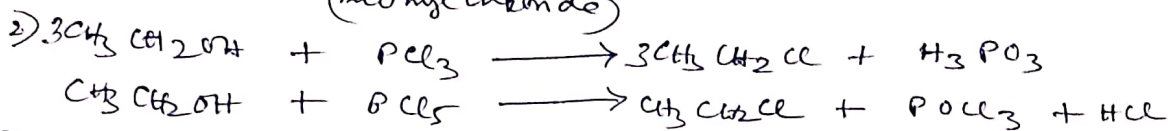
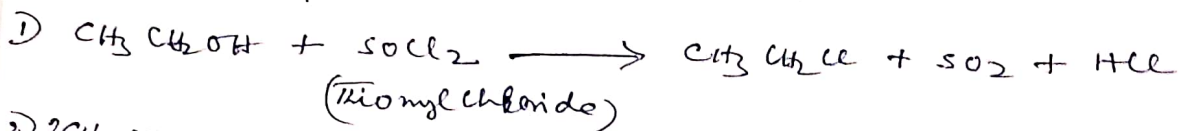
(12) Acids and esters when reduced also give alcohols -



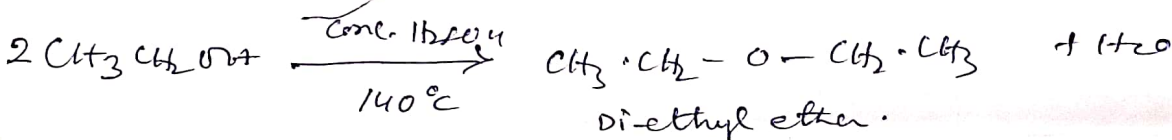
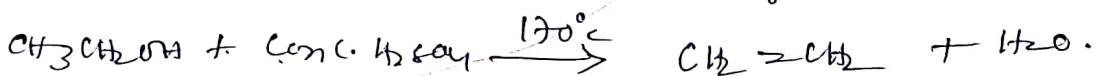
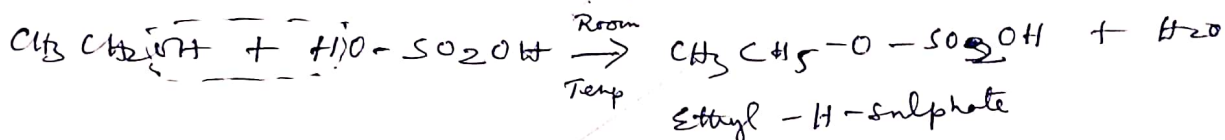
ii) From molasses, alcohols are also obtained by the following method -



Some typical reactions of alcohols —



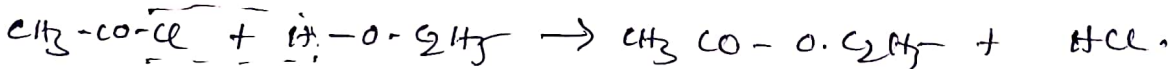
5) Reaction with  $H_2SO_4$  is temp. dependant. —



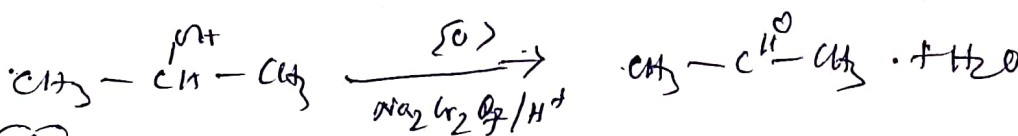
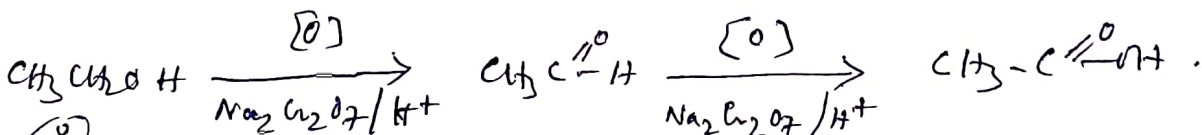
6)  $CH_3CH_2OH$  reacts with carboxylic acids to give esters —



7) Acid halides and anhydrides also give esters with alcohols.



8)  $1^\circ$ ,  $2^\circ$  and  $3^\circ$  alcohols give different products upon oxidation



( $3^\circ$ ) alcohols have not oxidise easily

9) Catalytic hydrogenation (with Hot Cu.)

