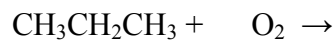


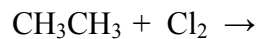
Number: _____

Organic Chemistry Reactions

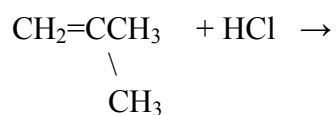
1. Oxidation of alkanes:



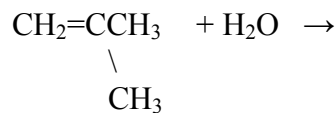
2. Halogenation of alkanes



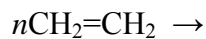
3. Addition of H₂, X₂ or HX to alkenes



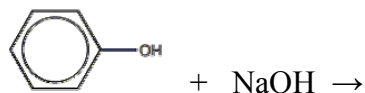
4. Hydration of alkenes



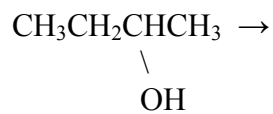
5. Polymerization of ethylene and substituted ethylene



6. Reaction of phenols and strong base



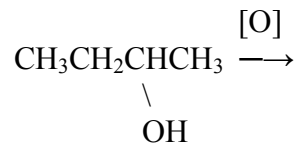
7. Acid-catalyzed dehydration of alcohols



8. Oxidation of a primary alcohol



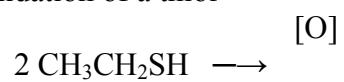
9. Oxidation of a secondary alcohol



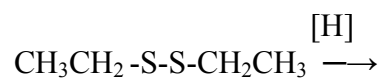
10. Oxidation of an ether



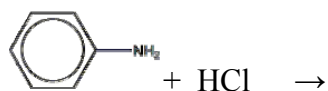
11. Oxidation of a thiol



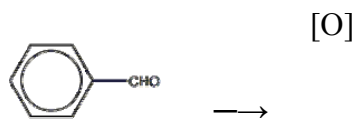
12. Reduction of a disulfide



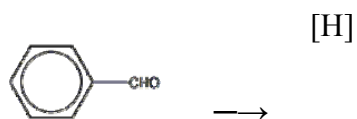
13. Reaction of amine with acid



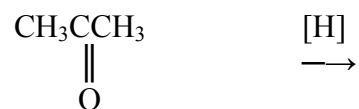
14. Oxidation of an aldehyde



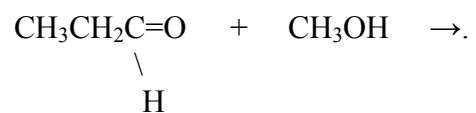
15. Reduction of an aldehyde



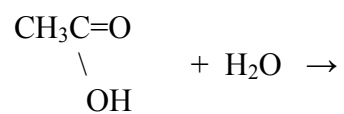
16. Reduction of a ketone



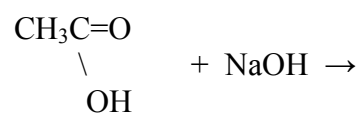
17. Addition of an alcohol to an aldehyde (or ketone)



18. Acidity of carboxylic acids



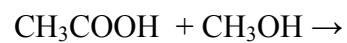
19. Reaction of carboxylic acid and a base



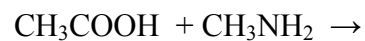
20. Reduction of carboxylic acids



21. Esterification of carboxylic acids



22. Reaction of carboxylic acids and amines

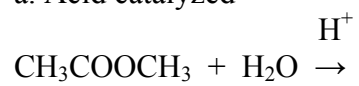


23. Hydrolysis of an anhydride

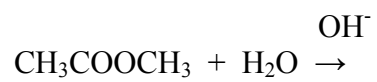


24, Hydrolysis of an ester

a. Acid catalyzed

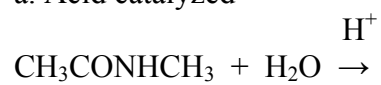


a. Base catalyzed



25. Hydrolysis of an amide

a. Acid catalyzed



a. Base catalyzed

