

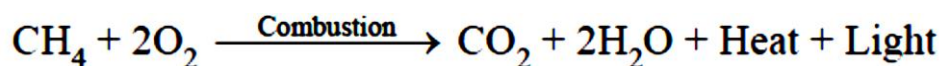
SUBJECT – CHEMISTRY

GIST OF THE CHAPTER – CARBON

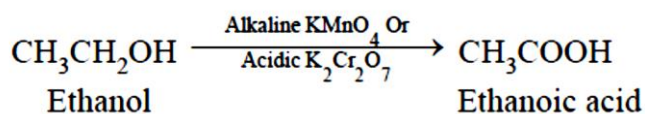
COMPOUNDS (Unit – 2)

Chemical Properties of Carbon Compounds

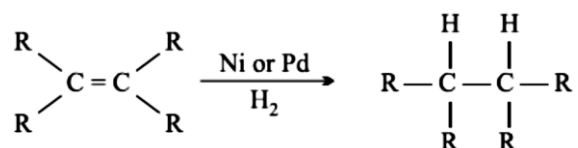
(a) Combustion:



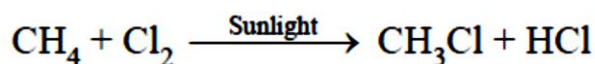
(b) Oxidation:



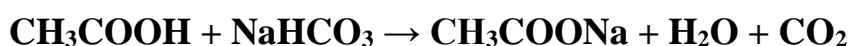
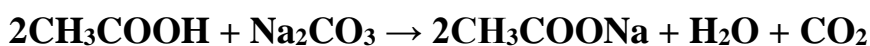
(c) Addition Reaction:



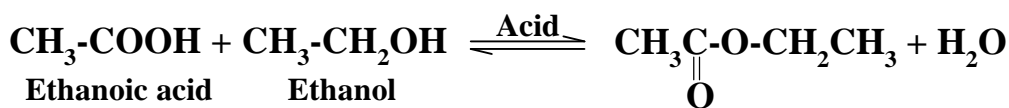
(d) Substitution Reaction:



Properties of Ethanoic acid:



Esterification Reaction:



Soaps and Detergents

- Soap is sodium or potassium salt of long chain carboxylic acid. *E.g.*, $\text{C}_{17}\text{H}_{35}\text{COO}^-\text{Na}^+$
- Soaps are effective only in soft water.
- Detergents are ammonium or sulphonate salt of long chain of carboxylic acid.
- Detergents are effective in both hard and soft water.

REVISION – SAMPLE QP 2024-25
