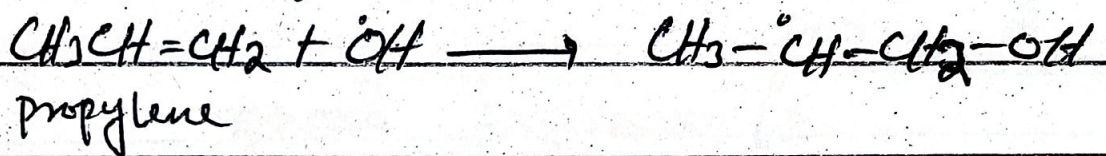
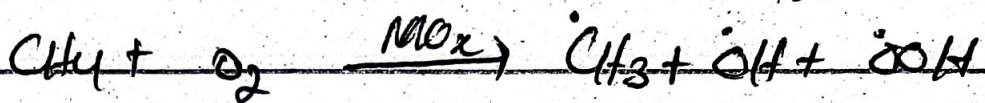
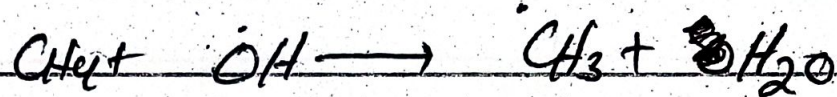


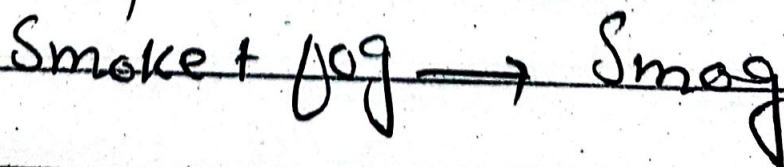
Organic Compounds:

⇒ Hydrocarbons ⇒ conc. of these compounds is ~~in~~ ⁱⁿ different atmosphere
⇒ they are easily oxidized due to chemical and photochemical rxn.



Photochemical Smog:

In presence of Sun light ^{and fog} ↑ diff. radical species of hydrocarbons reacts with other chemical species on the surface of metal oxides or soot particles to form a hazy environment is called photochemical smog.



Effects:

→ Due to high conc. of radicals it causes the irritation to eyes and also respiratory diseases.

Types of Smog:

1) Oxidizing Smog:

⇒ Photochemical smog due to organic compounds are called oxidizing smog.

2) Reducing Smog, (SO_2)

⇒ The smog due to high concentration of Sulphur dioxide radicals in smog.

Prevention:



⇒ All radicals emit directly in environment causing smog.



⇒ All radicals burn due to Z-shaped and chances of complete burning increases.