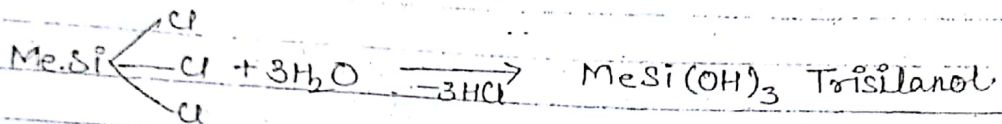
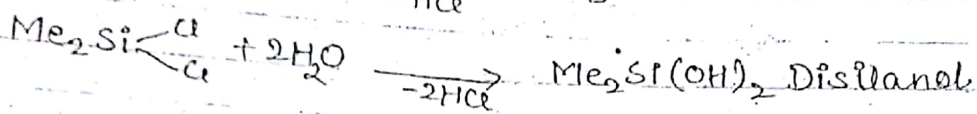
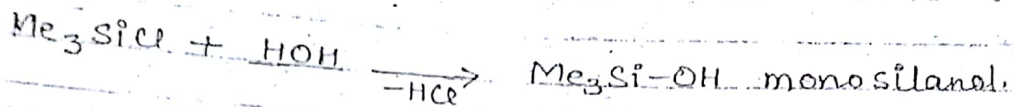


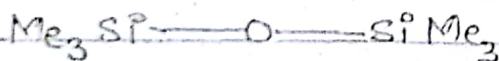
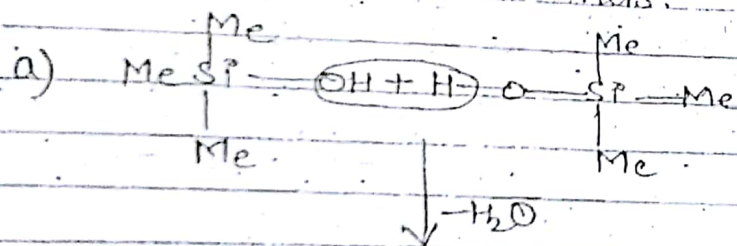
step II

Hydrolysis:

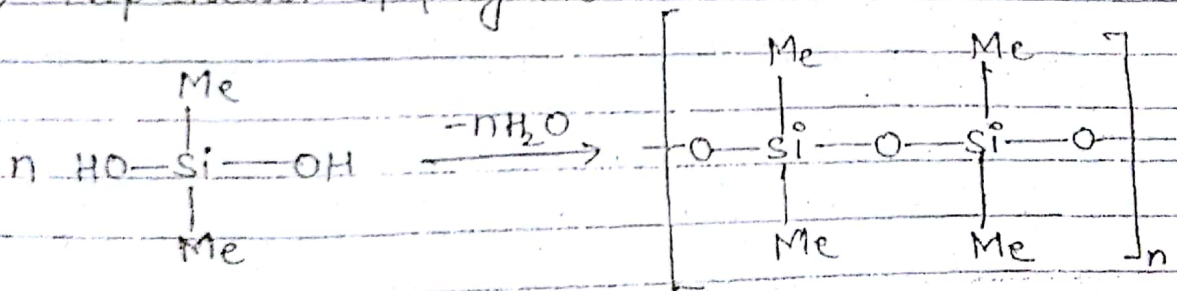


step III

* Preparation Silicon ethers:-

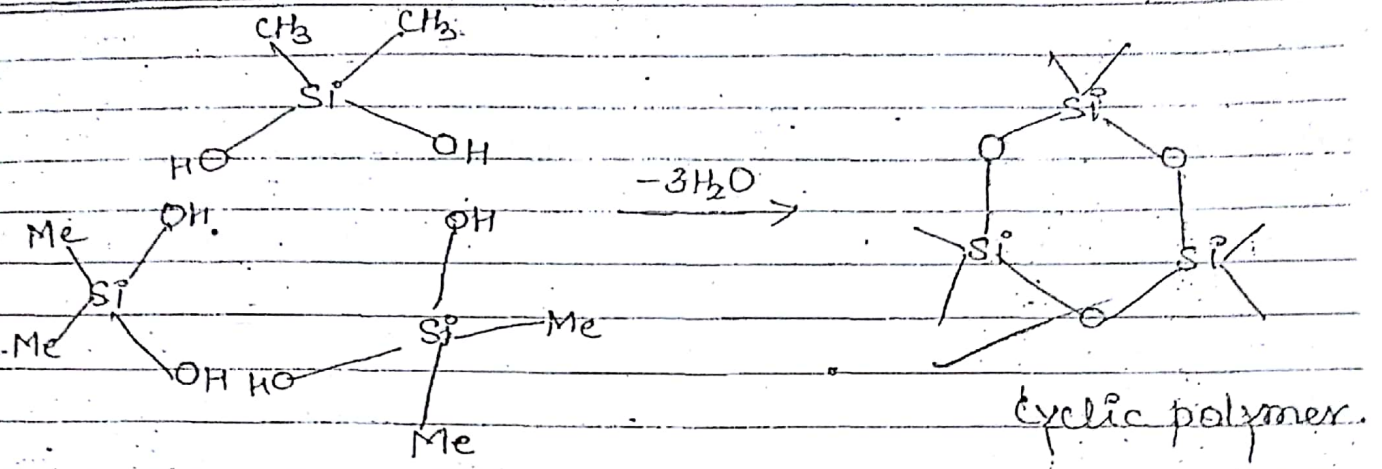


b) Preparation of polymers-

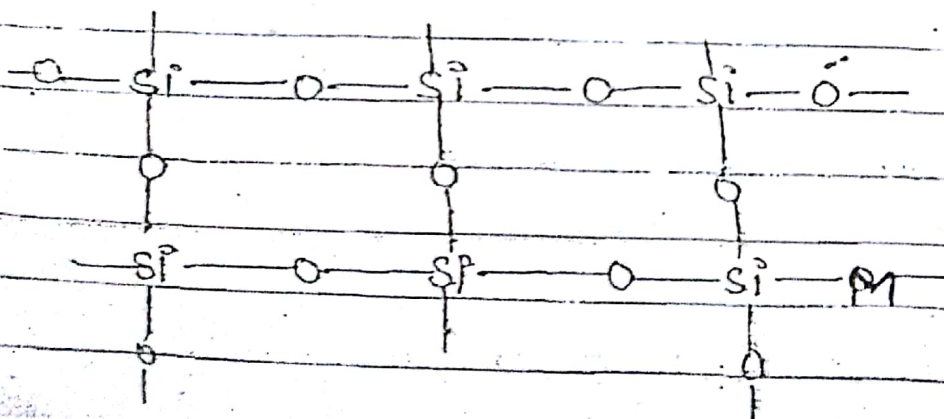
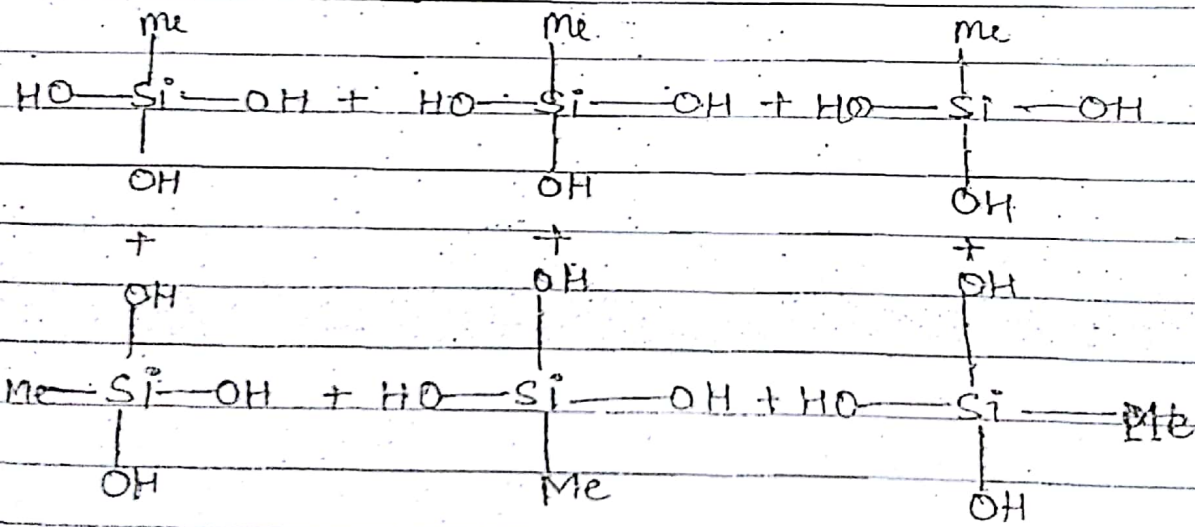


disilanol

polymerisation



c) Trisilanol polymerisation:



⇒ Silicons can be replaced by Al or P then they are called Aluminosilicones and phosphosilicones.
⇒ O can be replaced by S then they are called thio silicons.

Properties:-

* Insulators

* Don't wet with water

* High resistant for thermal and electrical conductivity.

* Don't catch fire easily.

imp.

⇒ Silicon ethers very useful for making curtains because they don't adsorb dust particles i.e. why never become dirty.



Angioplasty
Pace maker
made by
Silicon polymers.