

CHEMICAL PROPERTIES OF 1.

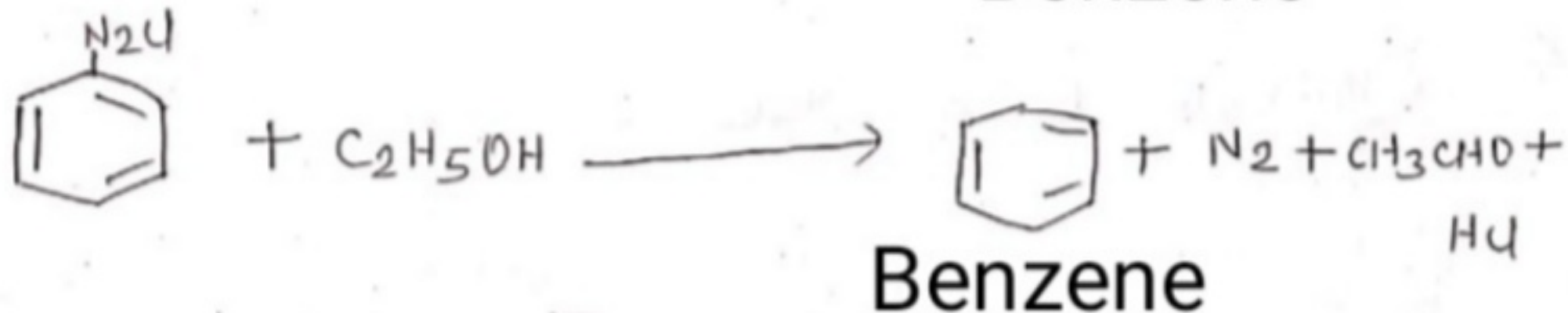
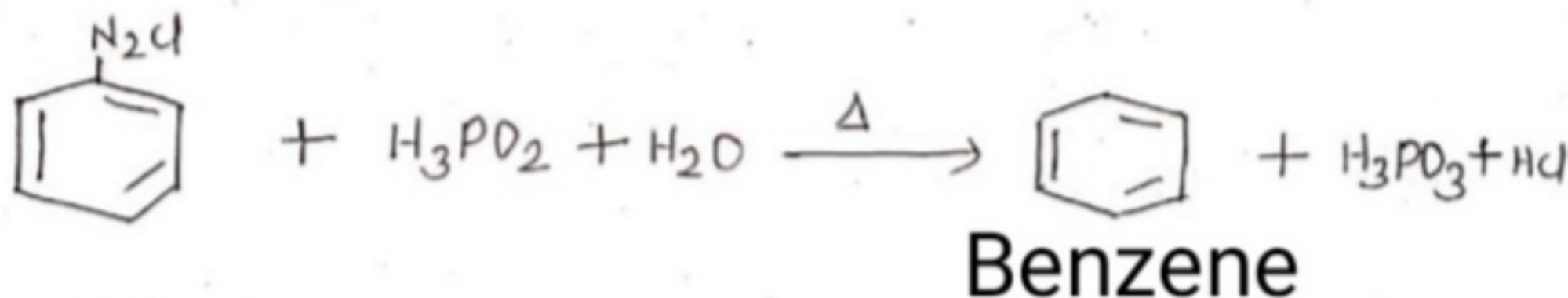
Benzene Diazonium Chloride

DEGREE-II (HONS.) ,31/10/2020

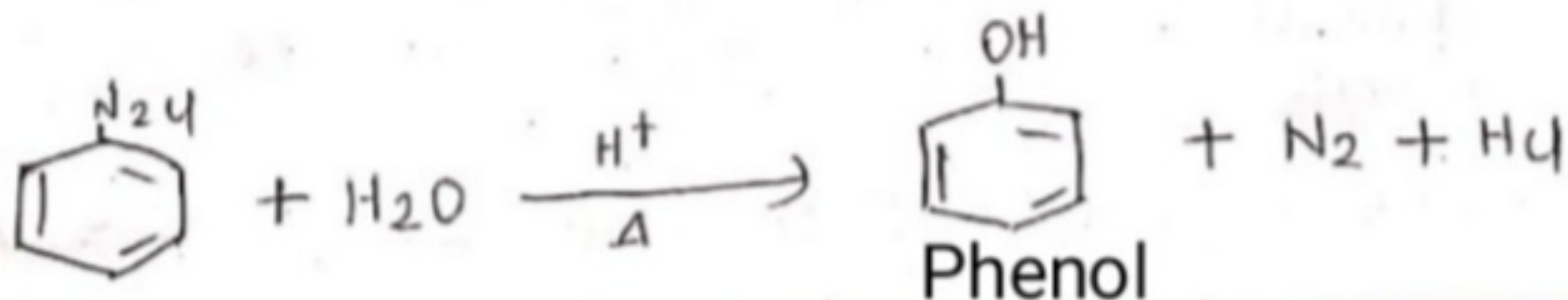
(Revision)

Reaction in which N_2X is Replaced

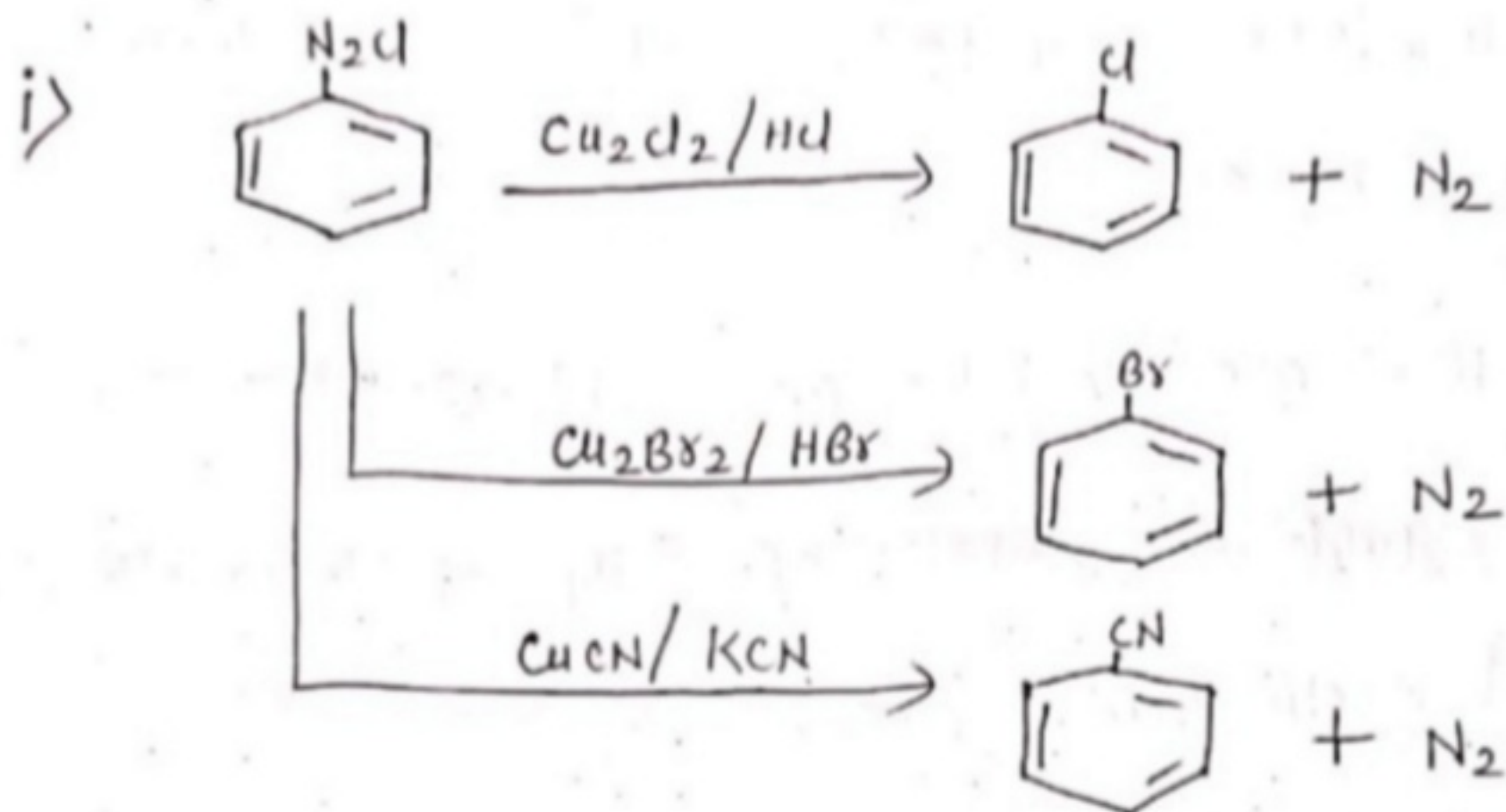
1. Reduction to Benzene



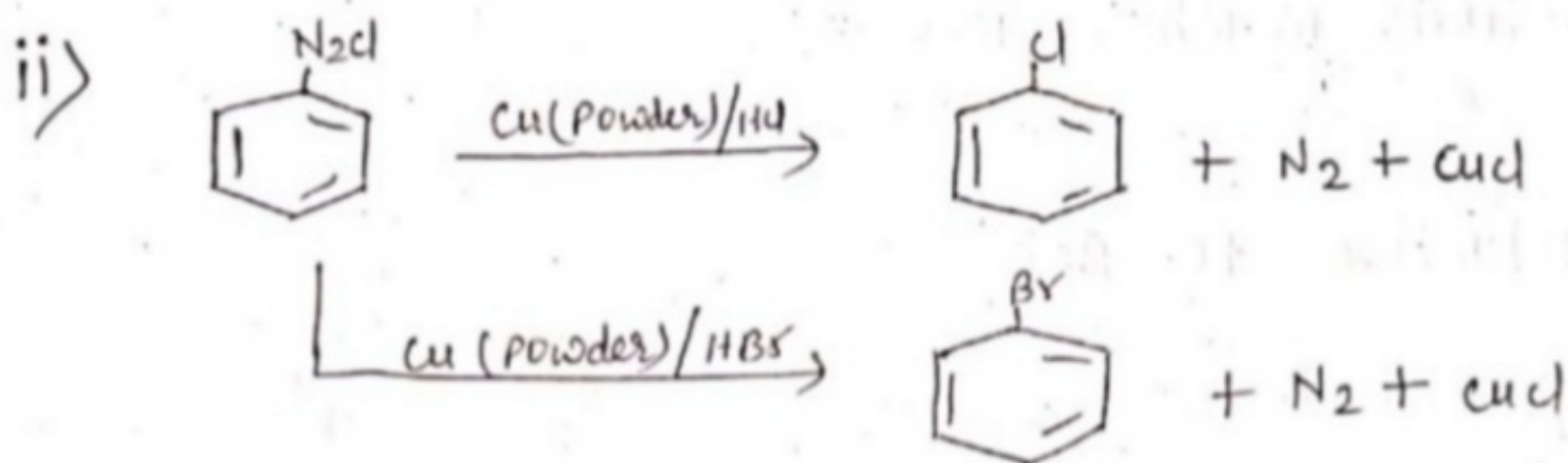
2. Synthesis of Phenol



3. Synthesis of aryl chloride, aryl bromide and aryl nitrile

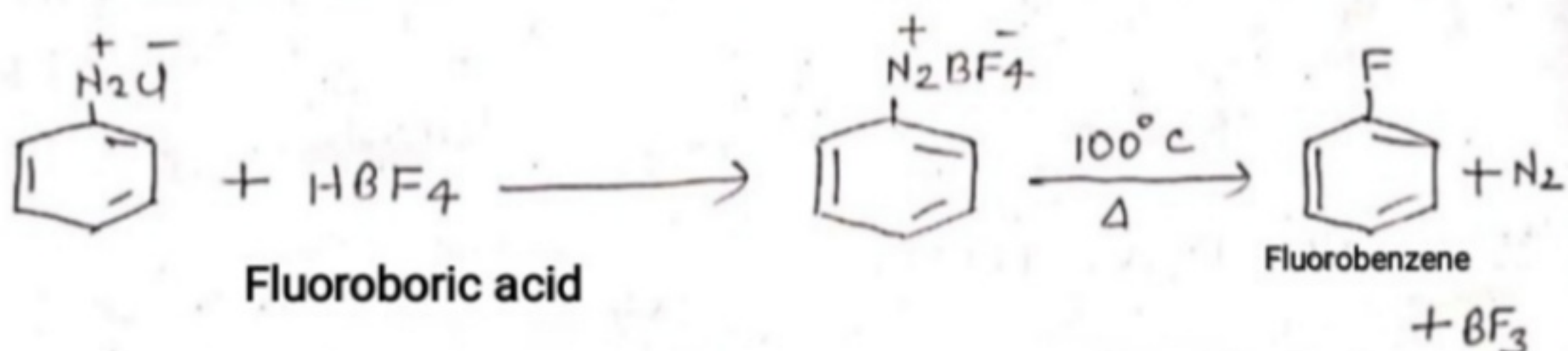


This Reaction is called "Sandmeyer's Reaction".



This Reaction is called "Gatterman Reaction".

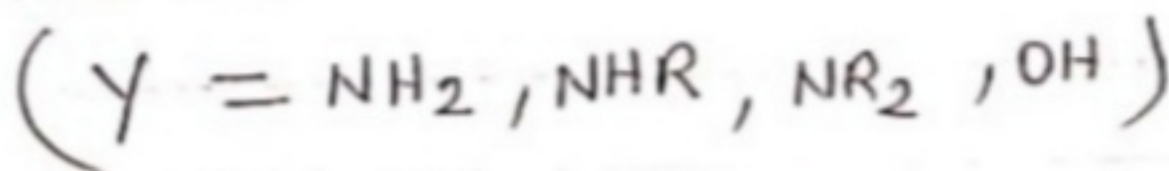
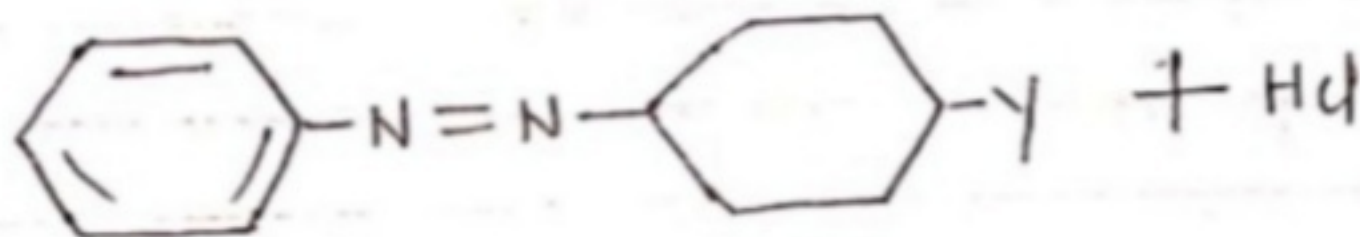
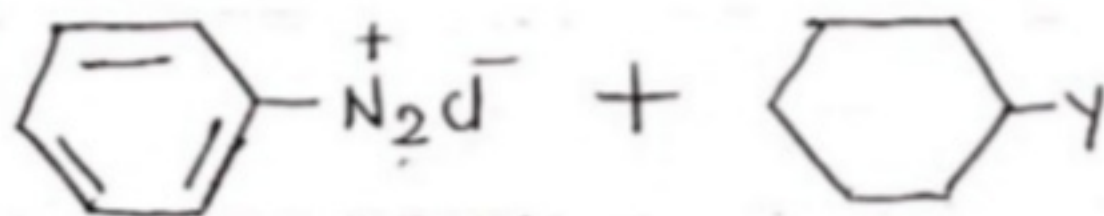
4. Synthesis of Aryl fluoride



This Reaction is called "Schiemann-Balz Reaction".

Reaction in which N-atoms are Retained

5. Azocoupling Reaction



By-Dr.Rinky
Dept.of Chemistry