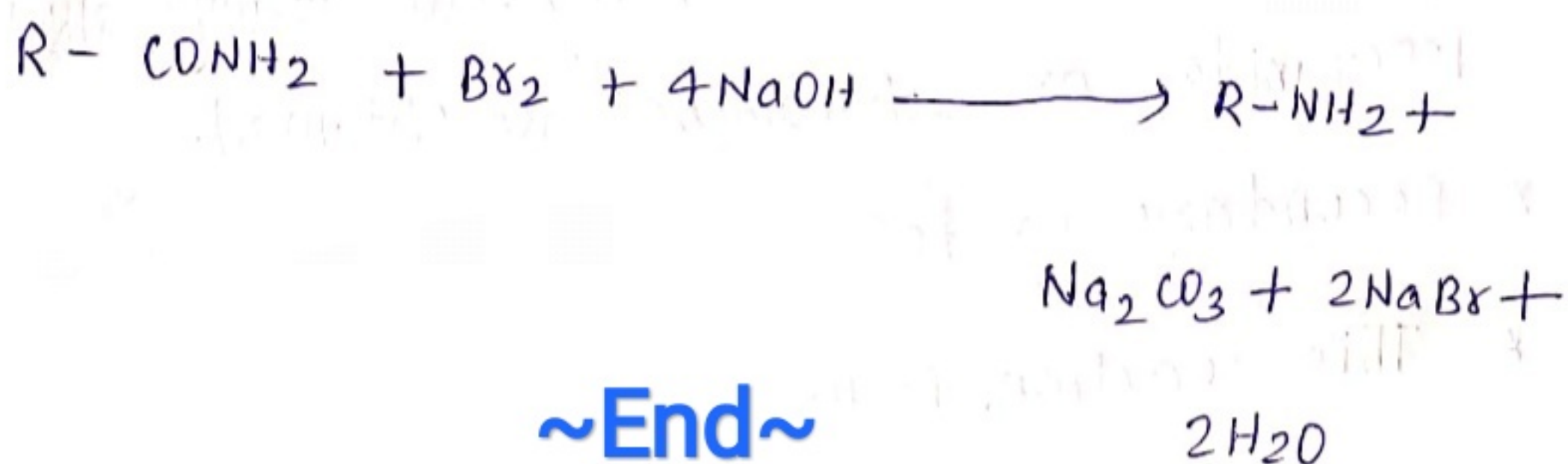


formation of primary amine. This reaction involving degradation of amide and is popularly known as Hoffmann bromamide degradation reaction. The primary amine thus formed contains one carbon less than the number of carbon atom in that amide.



~End~

Diazocoupling Reaction

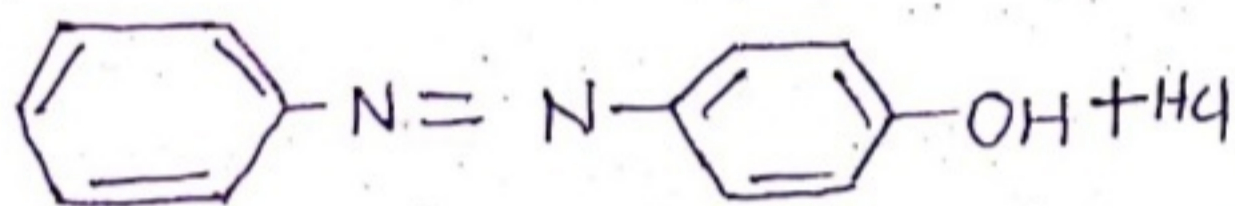
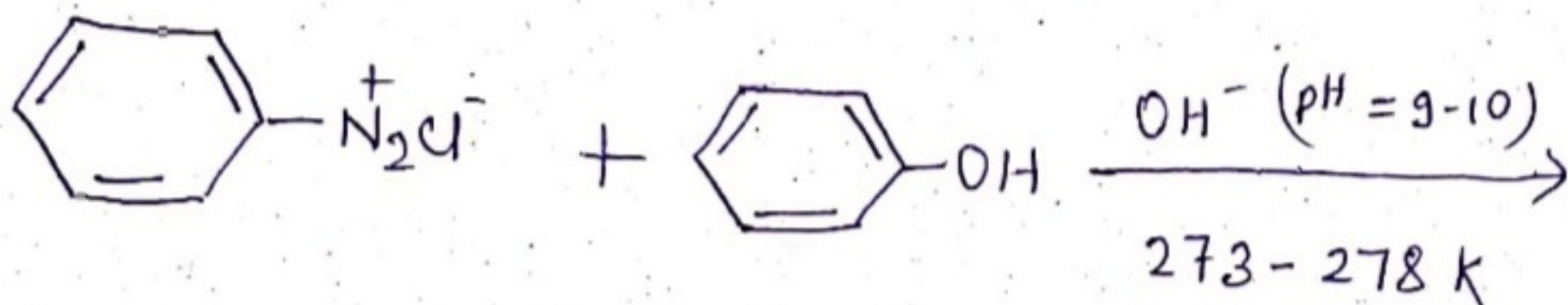
In this reaction, an arene diazonium salt reacts with aromatic amino compound (in acidic medium) or a phenol (in alkaline medium) to form brightly coloured azo compounds.

The reaction generally takes place at para position to the hydroxy or amino group.

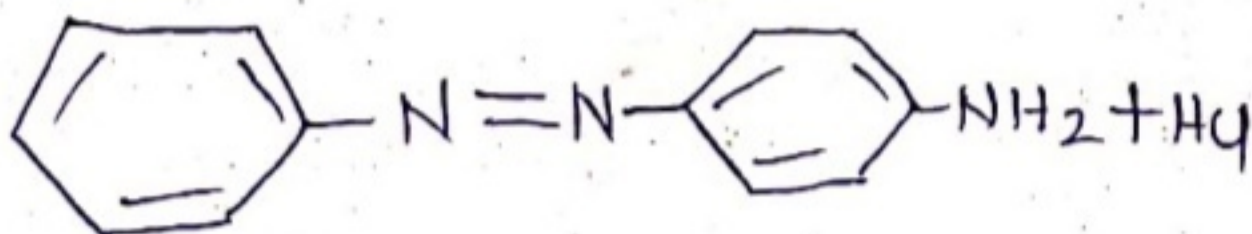
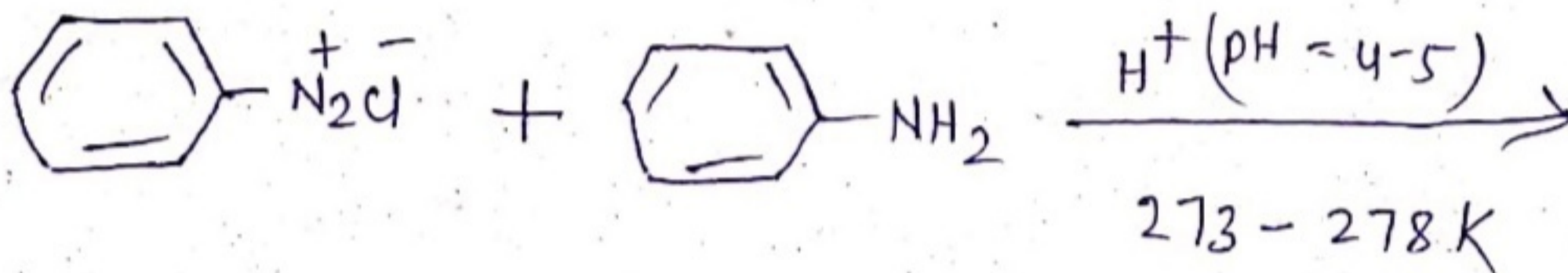
If para position is blocked, it occurs at ortho position and if both ortho and para

3.

Positions are occupied, then no coupling takes place.



p-hydroxy azobenzene
(orange dye)



p-amino azobenzene

(yellow dye) =

By:-Dr.Rinky

Dept.of Chemistry

J.N.College, Madhubani

Completed