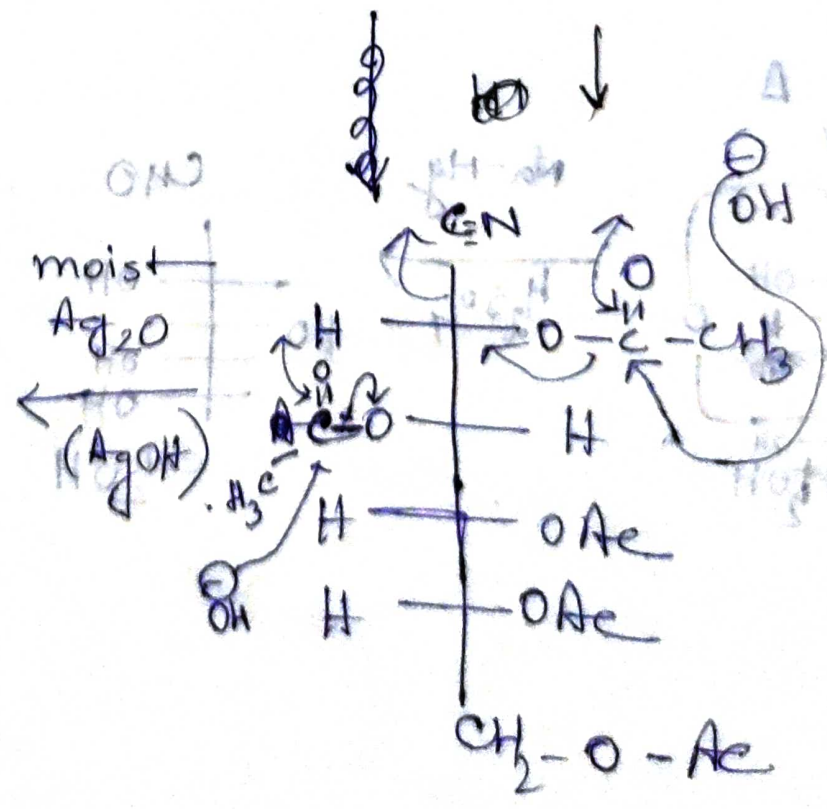
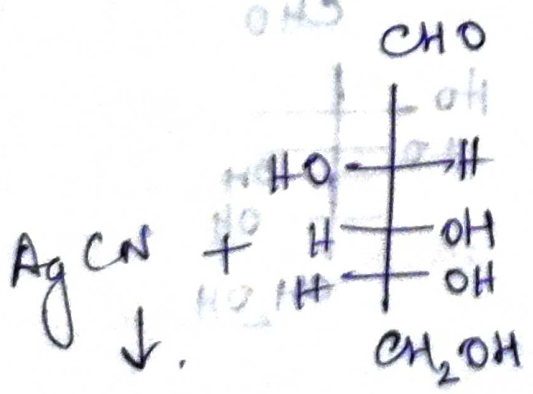
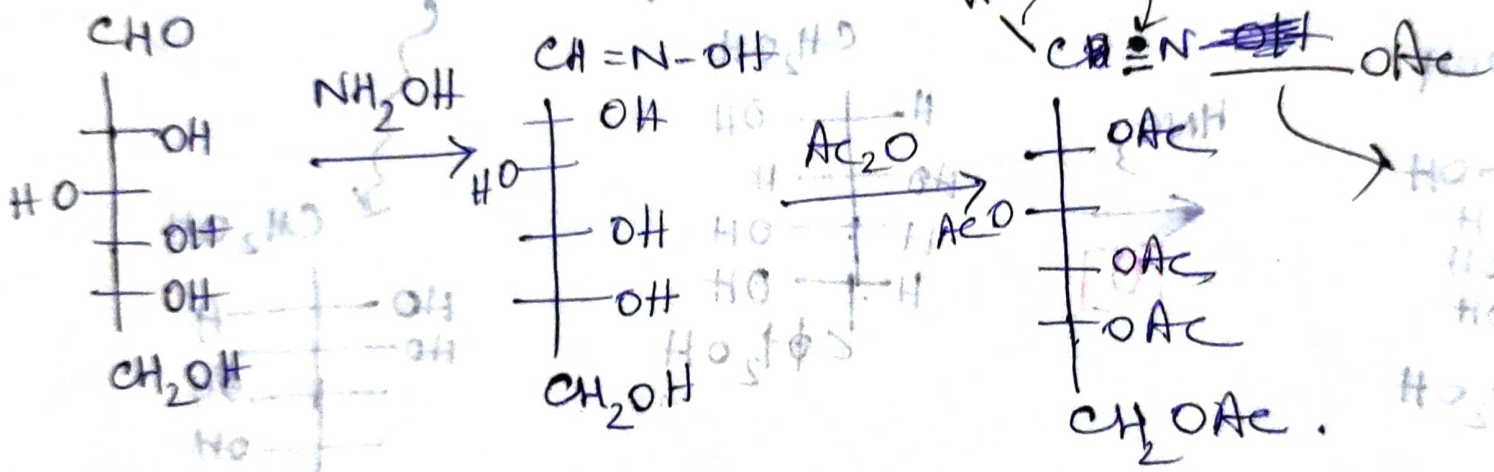


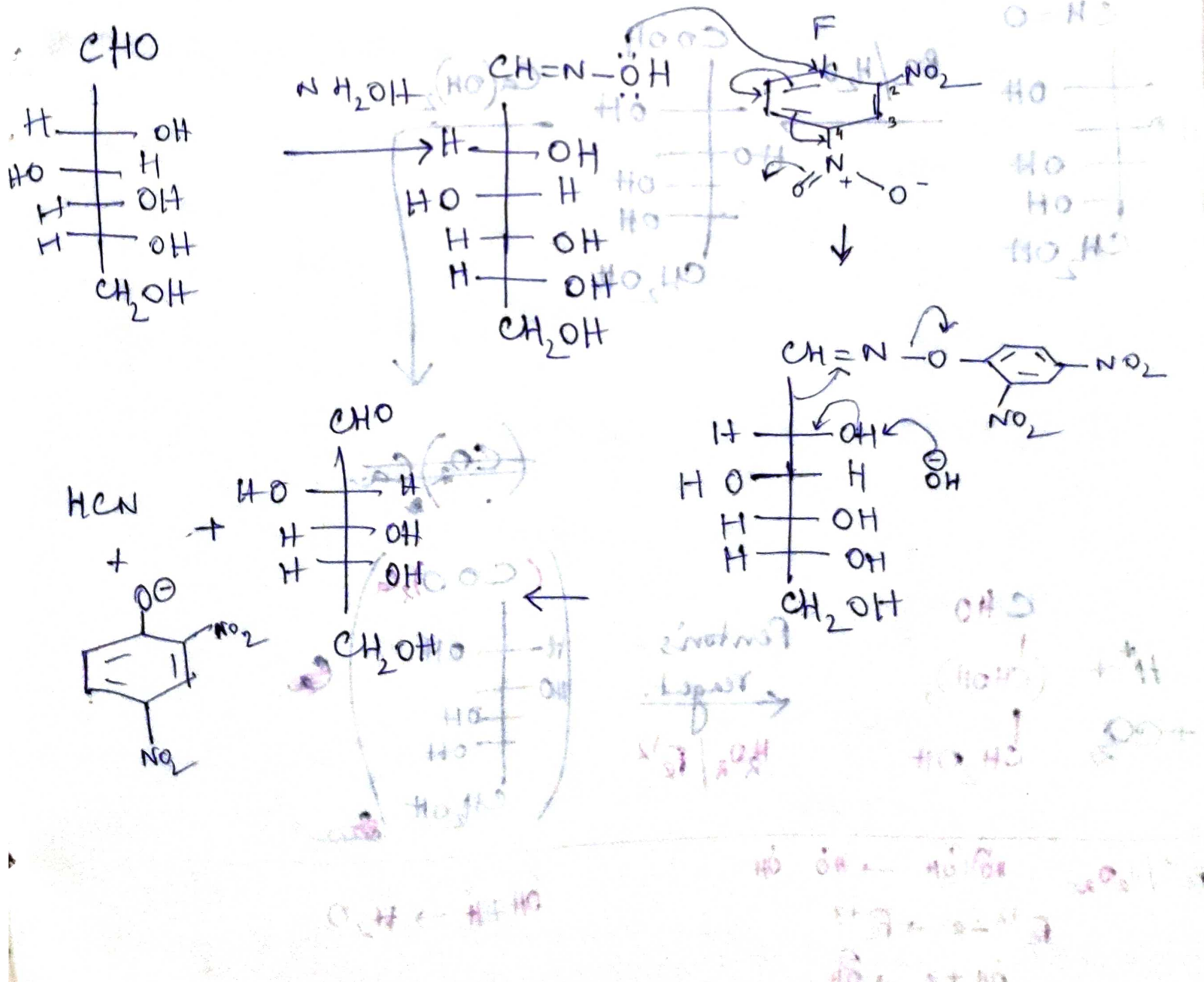
Decending :-

Wohl's method :-



OH of AgOH comes from moist Ag₂O, helps to hydrolysis acetate to alcohol and also helps for elimination rxn to produce -CHO gr. by precipitating AgCN. Lattice energy of AgCN is the driving energy of the rxn.

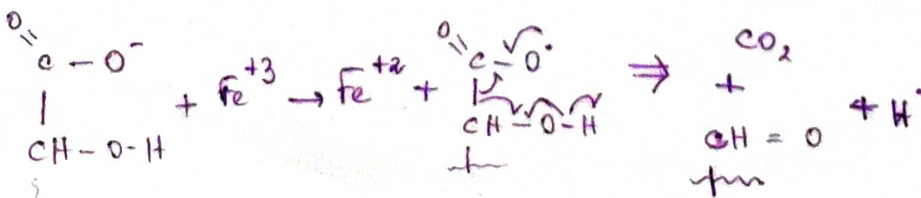
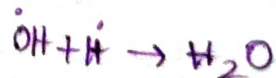
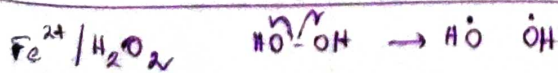
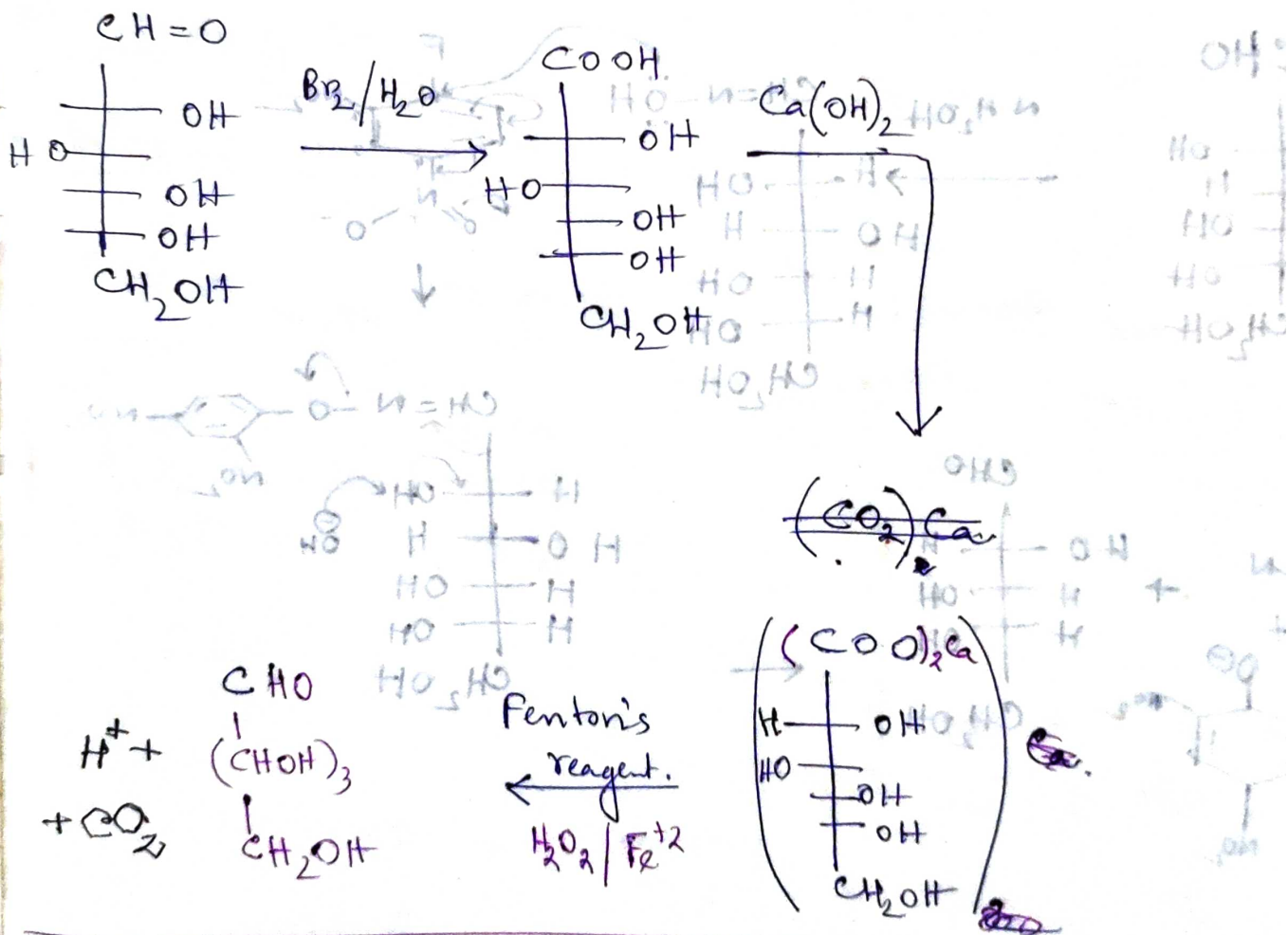
Modified method :- Weygand et al have treated the oxime with 2,4-DNFB in aq. NaHCO₃. (dinitro fluoro benzene).



Ruff's degradation method:-

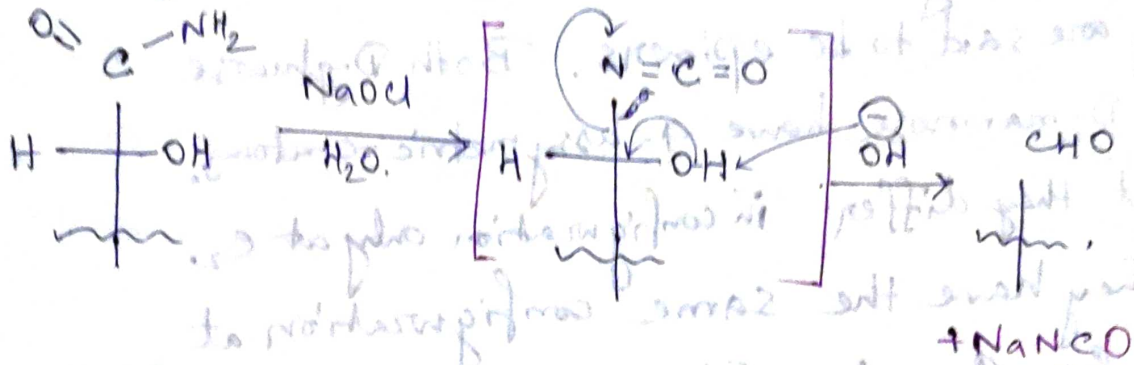
(D-glucose \rightarrow D-arabinose)

Aldose is oxidised by Br_2/H_2O to the corresponding aldonic acid, the aldonic acid is treated with $Ca(OH)_2$ to get its Ca^{2+} salt. Lower aldose is obtained by treating Ca^{2+} salt with Fenton's reagent.
($H_2O_2 + FeSO_4$)



Weinman's method :-

In this method, α -hydroxy amine or α -methoxy amide is degraded by means of cold solⁿ of NaOCl.



Macdonald method :-

