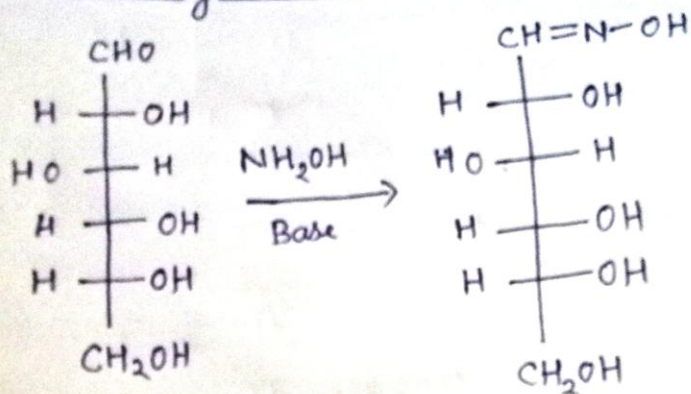


Method of Descending the Sugar Series:-

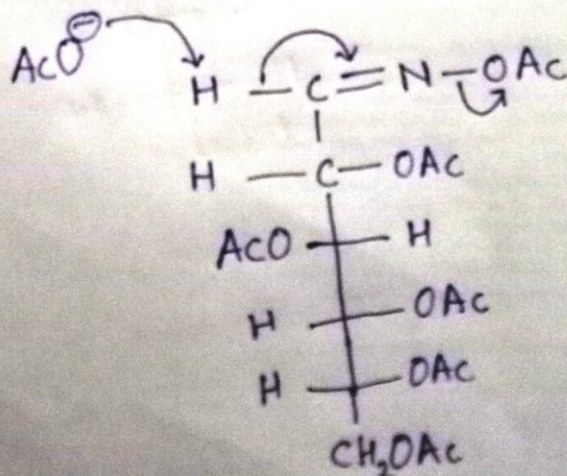
The higher aldoses are converted to a next lower aldoses by two methods:

- (i) Wohl's method or Wohl Degradation
- (ii) Ruff's method or Ruff Degradation.

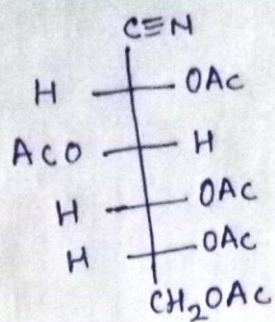
(i) Wohl Degradation:



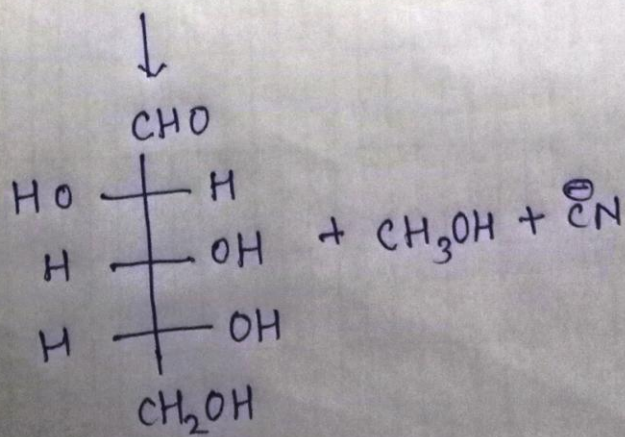
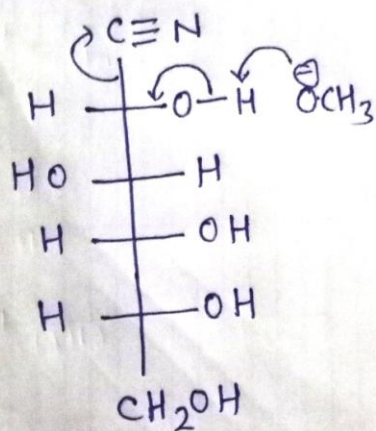
Ac_2O
 AcONa ↓ Acetylation



↓ Elimination reaction



$\text{CH}_3\text{ONa}/\text{CH}_3\text{OH} \downarrow$ Transesterification



D-arabinose

(ii) Ruff Degradation:

