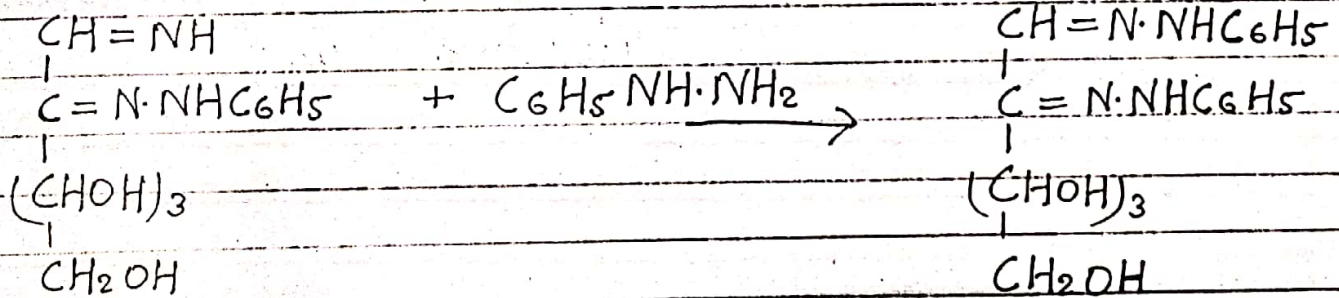
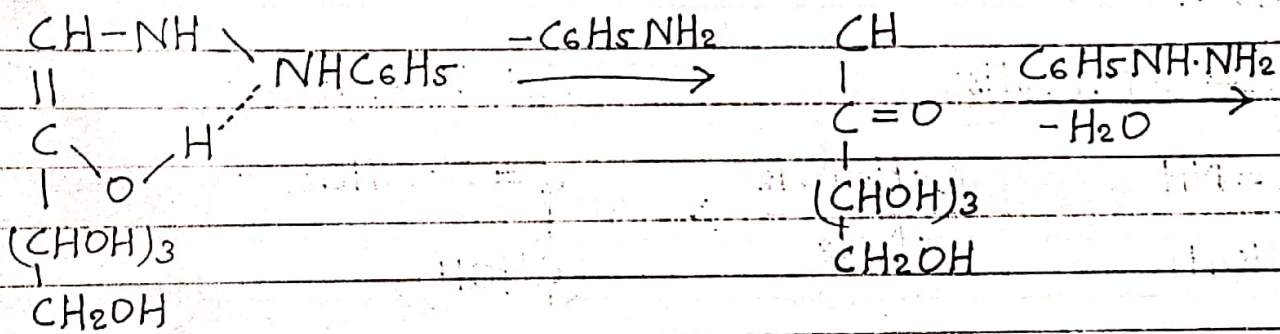
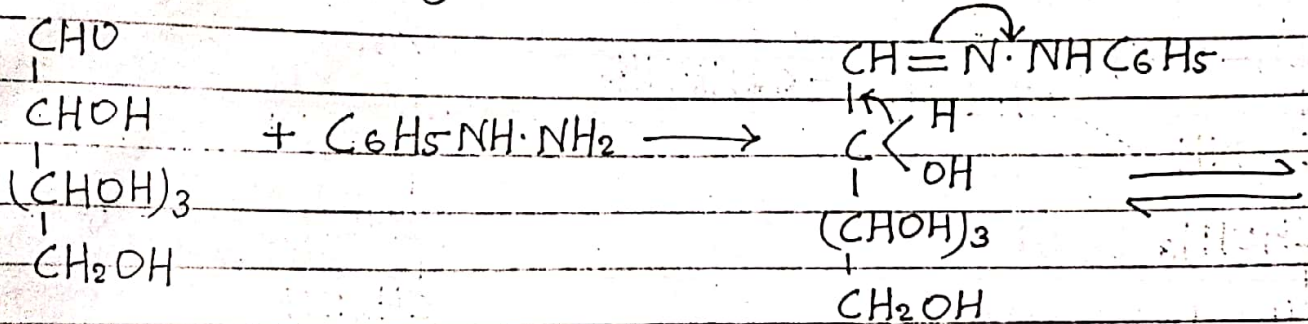


# Mechanism of Osazone Formation

Weygand in 1940 gave an alternative mechanism to Osazone formation which appeared more reasonable. According to him osazone formation took place via Amadori rearrangement. Shemyakin in 1965 proposed the following mechanism for Osazone formation.

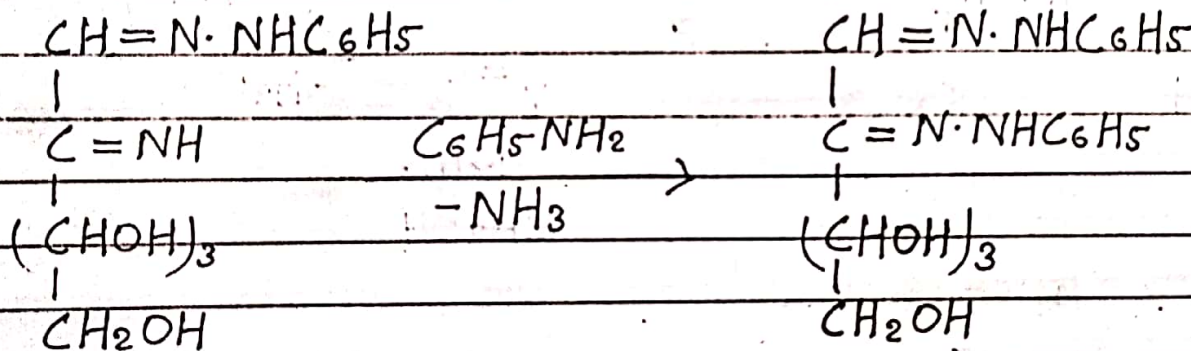
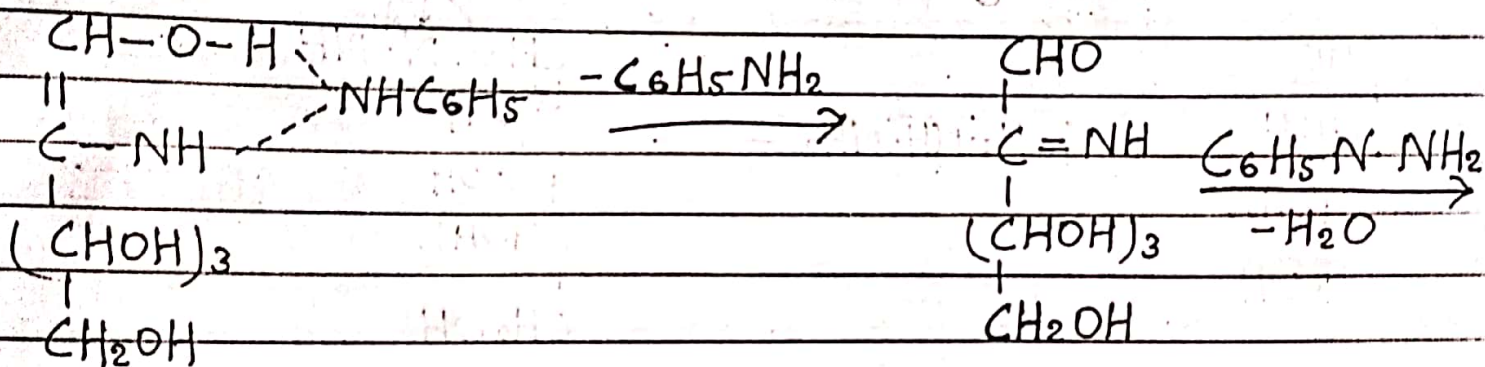
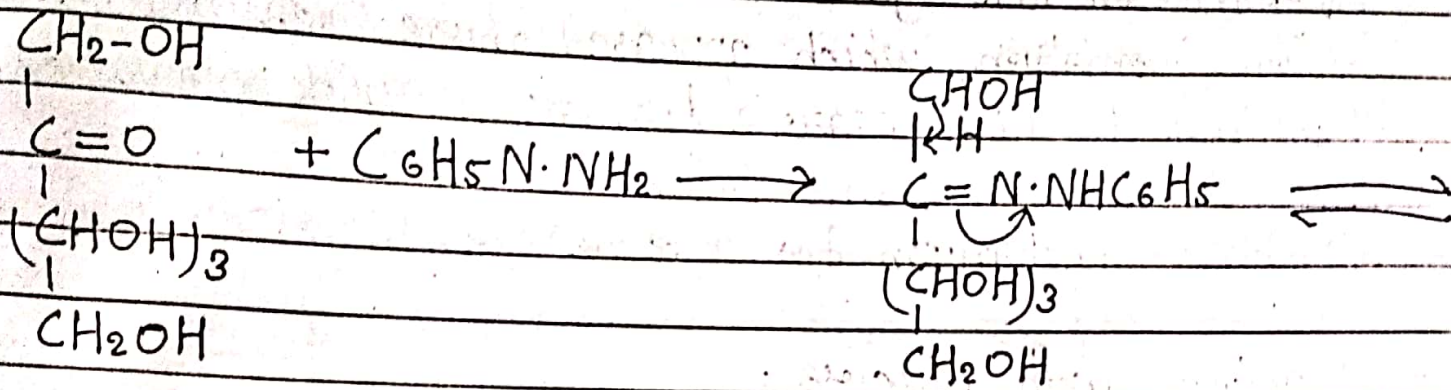
Reaction with glucose :



Glucose Osazone



# Reaction with Fructose:



Fructose Osazone