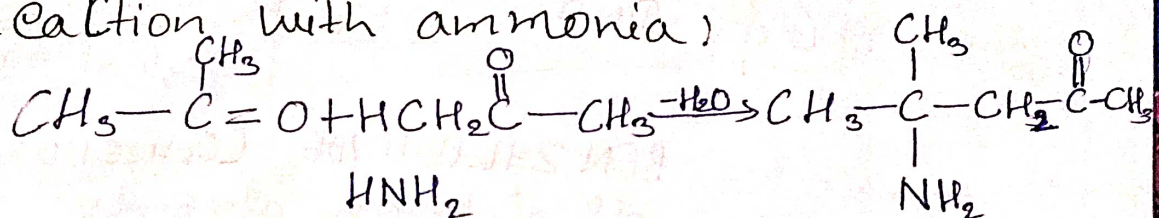


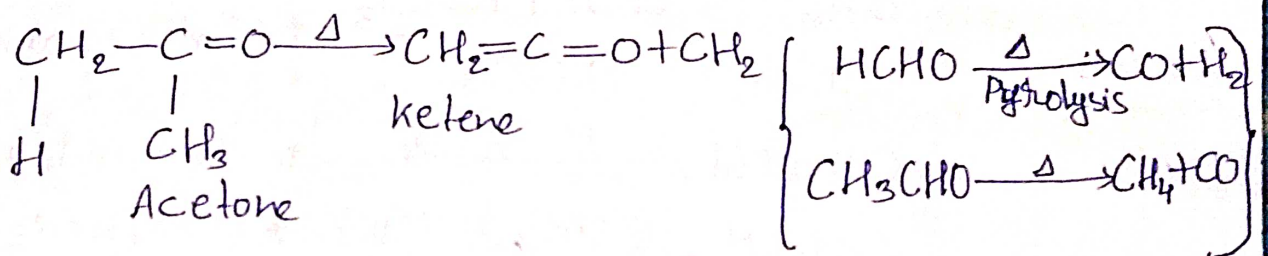
D. B. College (Jaynagar) Lect - 10
 Akhilesh kumar Singh
 Chemistry department B.Sc (Sub) Part-I
 Mob! - 8750390927

(6) Reaction with ammonia;

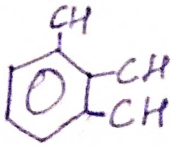


Diacetone amine

(7) Pyrolysis:



TEST FOR HCHO, CH₃CHO, CH₃COCH₃

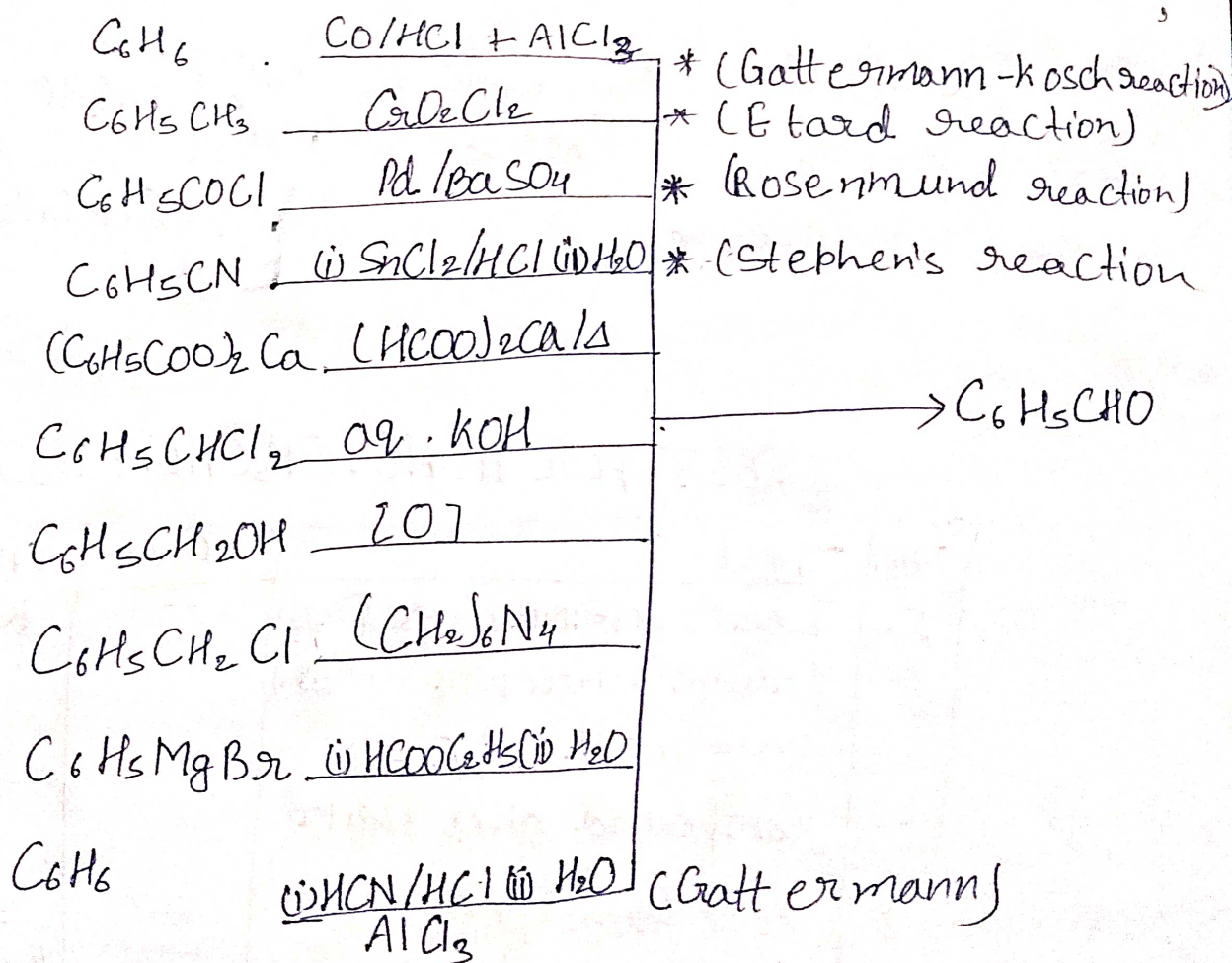
S.No.	Test	HCHO	CH ₃ CHO	CH ₃ COCH ₃
1.	Legel's test: Na [Fe(NO)(CN) ₅] Sodium nitroprusside (alk.) only methyl >C=O Compound gives this test	—	Red	Red
2	Iodoform test (I ₂ + NaOH)	—	— yellow ppt	— yellow ppt
3.	Pyragallol 	white ppt.	—	—

4	Ortho nitro benzaldehyde	—	—	Blue
5.	Tollen's reagent - Fehling's reagent - Mercuric chloride - Schiff's reagent -	Silver mirror Red ppt Black ppt Pink colour	Silver mirror Red ppt Black ppt Pink colour	— — — —
6	DNP	Orange colour	Orange colour	Orange colour

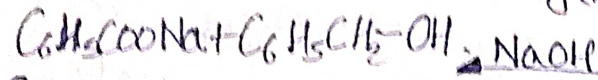
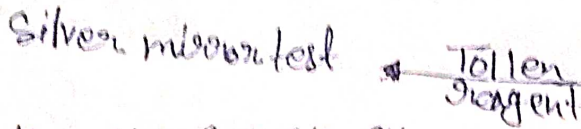
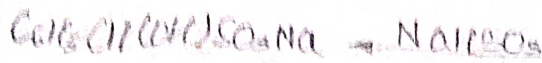
BENZALDEHYDE (C_6H_5CHO)

oil of bitter almonds

General Method of Preparation:



Chemical Properties



Cannizzaro reaction

