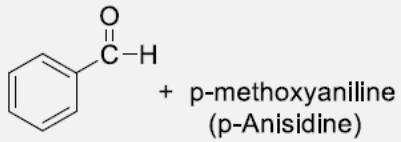
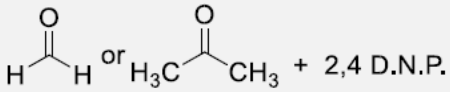
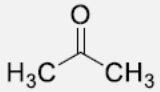
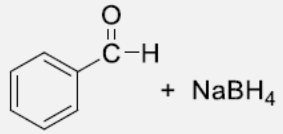
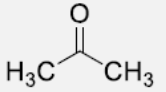
Laboratory Report (109 chem)

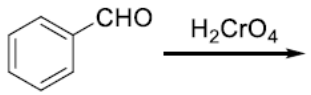
Experiment 7: Aldehydes and Ketones

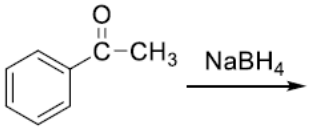
Student Names: …… Section No: ……

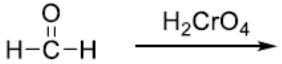
Test	Observation	Result	Chemical equation
 + p-methoxyaniline (p-Anisidine)	Gives a reddish purple color.		
 + 2,4 D.N.P.	Gives a yellow-orange precipitate.		
 + $KMnO_4$ **1 mL of Formaldehyde + 1drop of $KMnO_4$**			
 + $KMnO_4$ **1 mL of Acetone + 1drop of $KMnO_4$**			

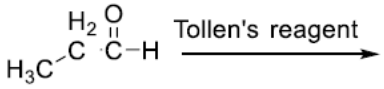
 + $NaBH_4$	+Ve		
 + Tollen's reagent **0.5 mL of $AgNO_3$ + 2-3 drops of 5% NaOH + 4-5 drops of NH_4OH + 0.5 mL of Aldehyde + heating for a few seconds**			
 + Tollen's reagent **0.5 mL of $AgNO_3$ + 2-3 drops of 5% NaOH + 4-5 drops of NH_4OH + 0.5 mL of Acetone + heating for a few seconds**	-Ve No silver mirror formed on the walls of the test tube		

Questions:









Name	class	Functional group	Molecular formula	Structure formula
Formaldehyde	Aldehyde			
Acetaldehyde				
Acetone	Ketones			