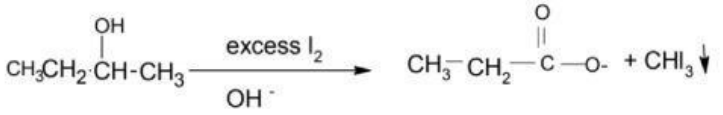
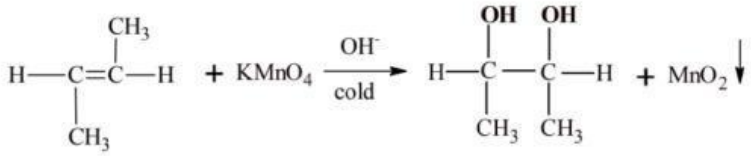
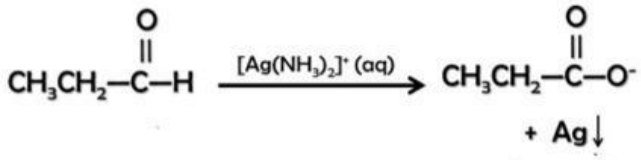
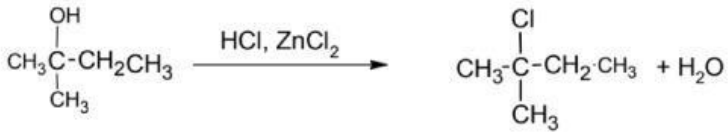
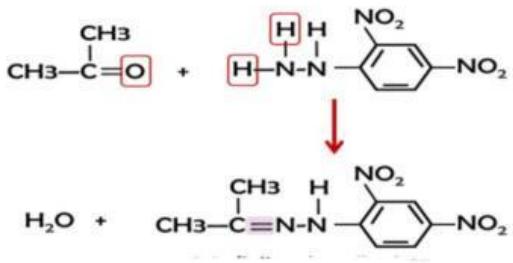
**Set 1: Match the following Chemical Test**

| | |
|---|---|
| When 2-methyl-1-propanol react with concentrated hydrochloric acid and anhydrous zinc chloride, no cloudy solution formed after 10 minutes | **Tollens' Test** |
| Compound K, $C_4H_8O$ produced silver mirror precipitate after reacted with aqueous ammonium silver nitrate. | **Iodoform Test** |
| Compound R, $C_5H_8$ is a cyclic hydrocarbon. It decolourised potassium permanganate and form brown precipitate when reacted with alkaline potassium permanganate in cold condition | **Brady Test** |
| An organic P forms a light yellow precipitate when reacted with alkaline excess iodine solution. | **Lucas Test** |
| Compound S, $C_7H_6O$ gives a orange precipitate with 2,4-dinitrophenylhydrazine. | **Baeyer Test** |
| Compounds P and Q are carbonyl group but there are no observable changes when reacted with $I_2$ /NaOH. | |



LIVEWORKSHEETS

**Set 2: Click the button dropdown below**

| Equation | Name of Chemical test & Compound |
|---|---|
|  | Name of Chemical Test<br><br>Compound |
|  | Name of Chemical Test<br><br>Compound |
|  | Name of Chemical Test<br><br>Compound |
|  | Name of Chemical Test<br><br>Compound |
|  | Name of Chemical Test<br><br>Compound |

LIVEWORKSHEETS