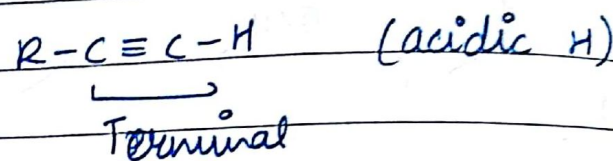
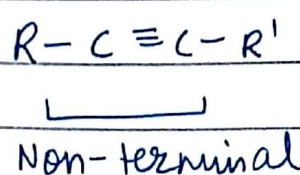
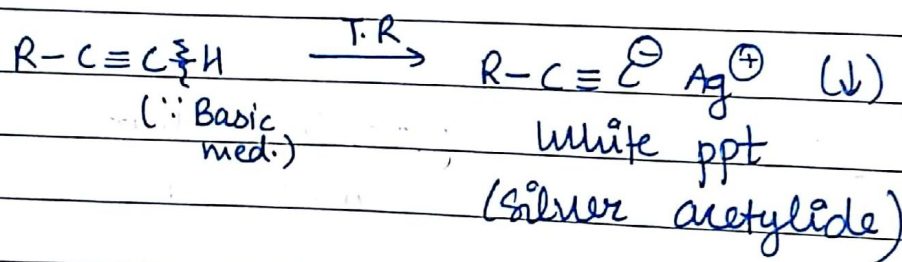
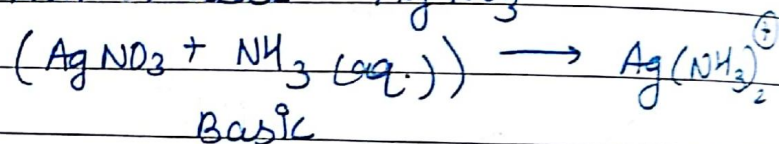


- Test for terminal alkyne :

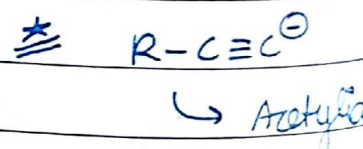


### 1] Tollen's Test

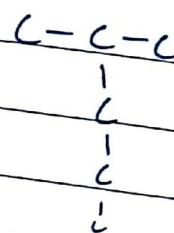
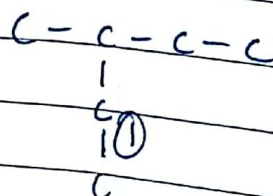
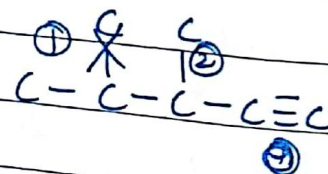
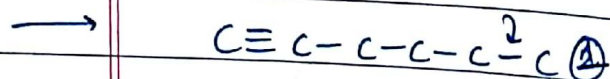
Tollen's reagent - ammoniacal  $\text{AgNO}_3$



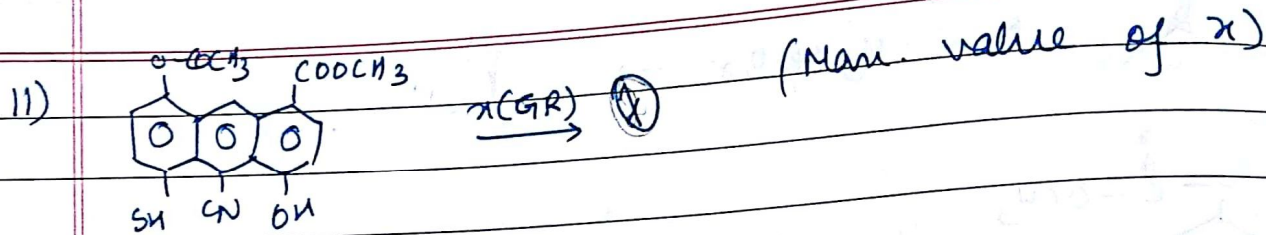
{ slow as base is weak }



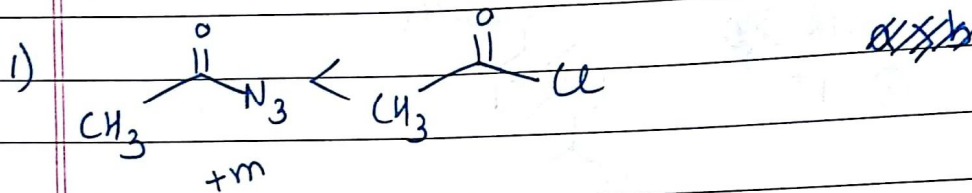
Q. How compounds having MF  $\text{C}_6\text{H}_{10}$  will form acetylide?



(5)

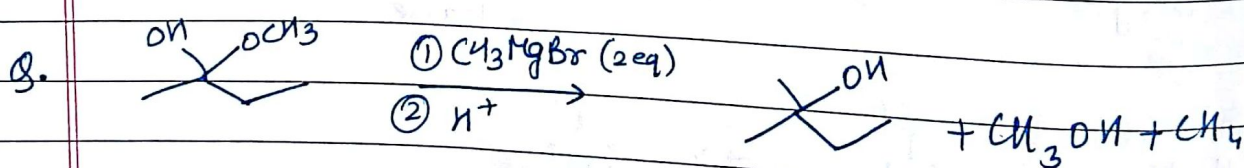
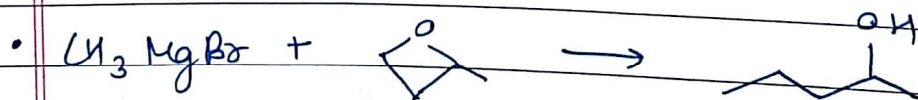
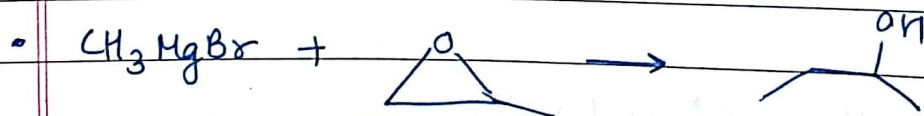


Q. Compare ROR towards nucleophile



\* G.R. with ether :

- GR will not react with ether
- GR will react with 3/4 membered cyclic ether. (coz they are strained).
- When the ring is neutral attack will take place on the carbon having more " $\delta^+$ ", in general that position will be less hindered.





Q] Which is more suitable?



8] Identify the suitable combination to prepare the ether.

