

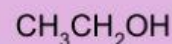
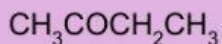
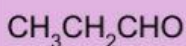
## DEDUCING STRUCTURES OF ORGANIC COMPOUNDS

### (PART 3)

1) This compound reacts with 2,4-dinitrophenylhydrazine

This compound is \_\_\_\_\_

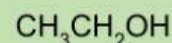
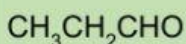
Choose the possible structures of this compound:



2) This compound reacts with Tollens' reagent but do not react with Fehling's solution

This compound is \_\_\_\_\_

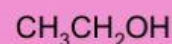
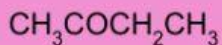
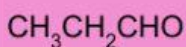
Choose the possible structures of this compound:



3) This compound reacts with Fehling's solution

This compound is \_\_\_\_\_

Choose the possible structures of this compound:



4) This carbonyl compound gives yellow precipitate in  $\text{I}_2, \text{NaOH}$

This compound is \_\_\_\_\_

Choose the possible structures of this compound:

