

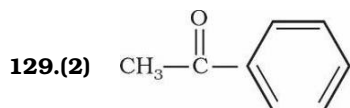
Daily Tutorial Sheet-11

Numerical Value Type for JEE Main

126.(3) CH_3COOH , CH_3COCH_3 , $\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{CH}_3$ will give haloform test

127.(4) aldehyde, formic acid, alpha hydroxy ketone will form Ag mirror with Tollens's reagent.

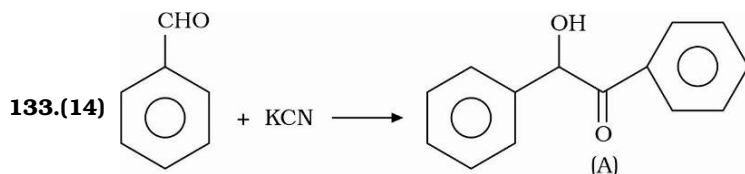
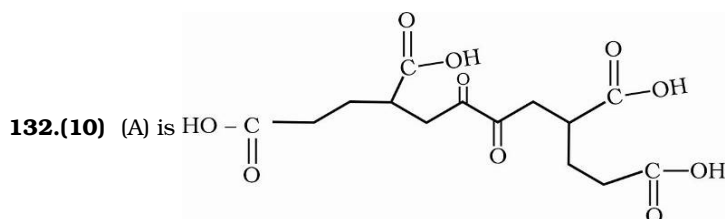
128.(1) aldehyde except benzaldehyde give Fehling's test.



Carbonyl carbon having + 1 oxidation state.

130.(2) Aldehyde, methyl ketone and cyclic ketone give NaHSO_3 test.

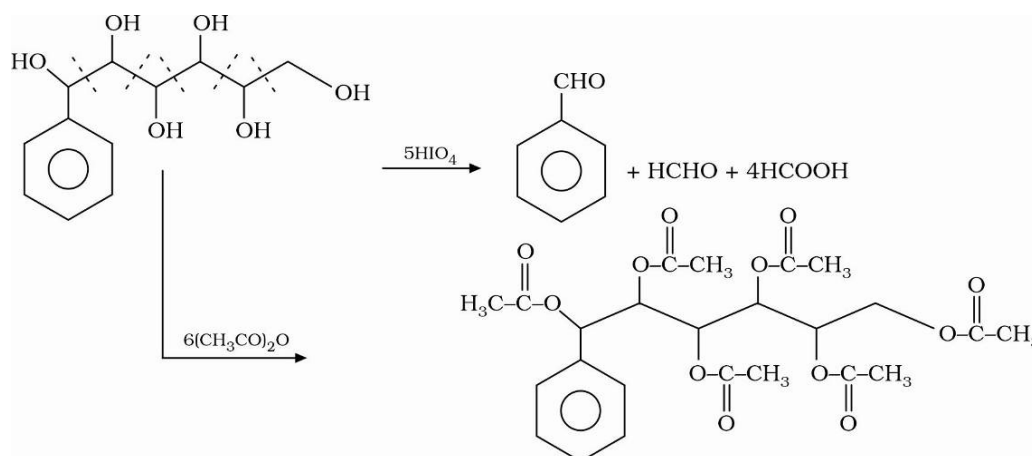
131.(7) aldehyde, ketone, alcohol, 2° amine will react with 1 mole of RMgX each and ester will react with 2 mole of RMgX .



134.(4) all aldehyde and ketonic group give 2, 4 - DNP test but not glucose because it undergo cyclisation and exist in hemiacetal form.

135.(3) aldehyde are more reactive than ketone for nucleophilic addition reaction.

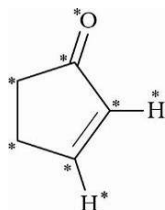
136.(11)



Sum of x + y is 11

137.(4) Compounds having alpha hydrogen will give aldol reaction.

138.(8) The molecule (A) is



No. of atoms lying in the same plane are 8

139.(2) Compounds having no alpha hydrogen will give Cannizzaro reaction.

140.(3) Rate expression for Cannizzaro reaction is $\text{Rate} = [\text{RCHO}]^2 [\text{OH}^-]$

So, the order of reaction is 3.