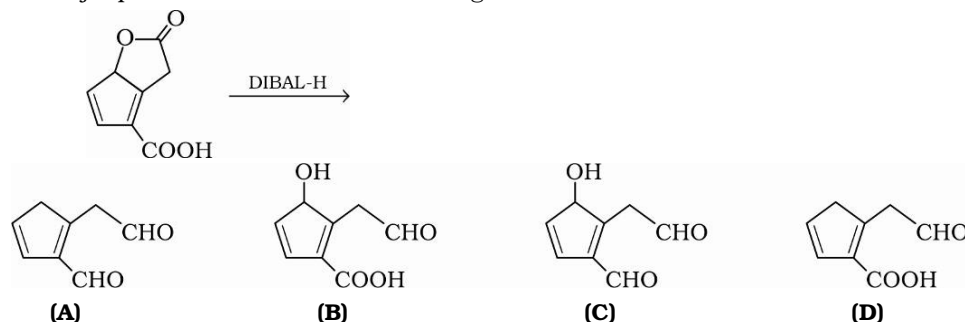




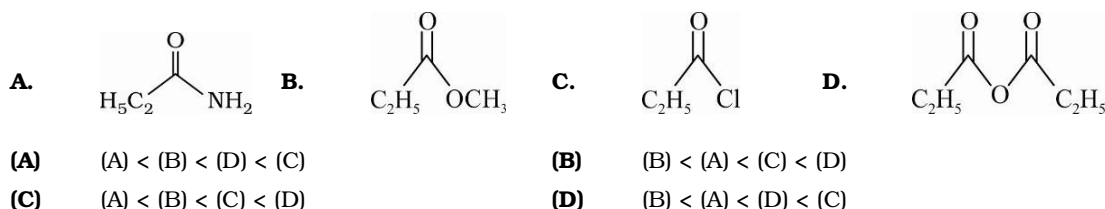
6. The major product obtained in the following reaction is :

(2017)



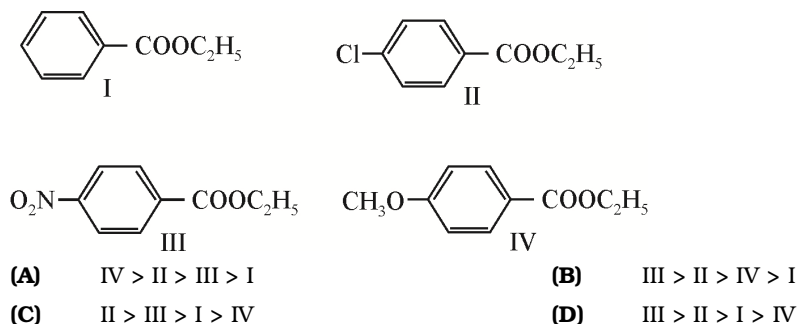
7. The increasing order of the reactivity of the following with  $\text{LiAlH}_4$  is :

(2019)



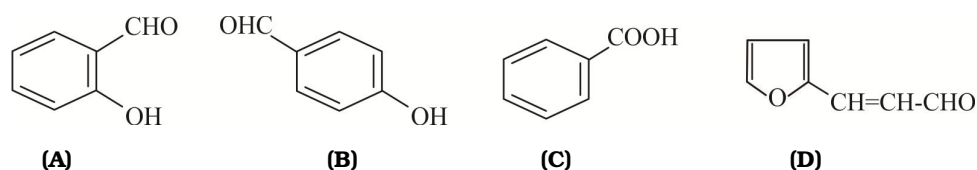
8. The decreasing order of ease of alkaline hydrolysis for the following esters is :

(2019)



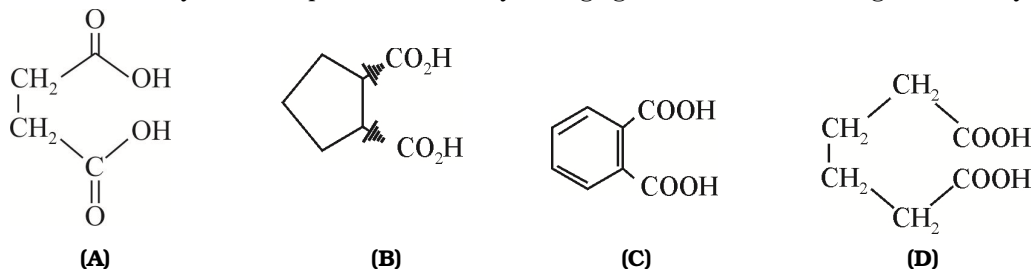
9. An aromatic compound 'A' having molecular formula  $\text{C}_7\text{H}_6\text{O}_2$  on treating with aqueous ammonia and heating forms compound 'B' the compound 'B' on reaction with molecular bromine and potassium hydroxide provides compound 'C' having molecular formula  $\text{C}_6\text{H}_7\text{N}$ . The structure of 'A' is :

(2019)



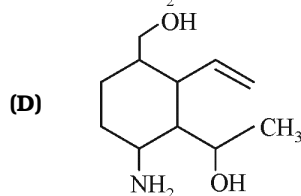
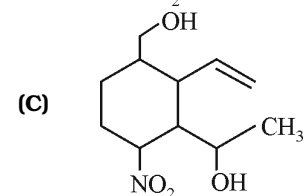
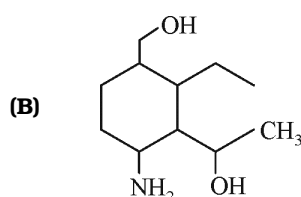
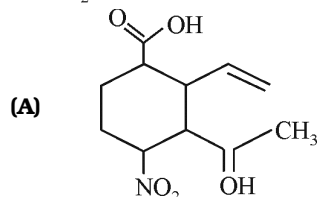
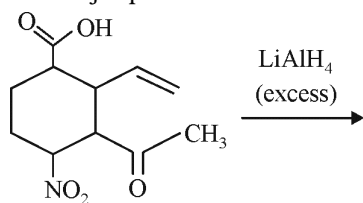
10. Which dicarboxylic acid in presence of a dehydrating agent is least reactive of given an anhydride ?

(2019)



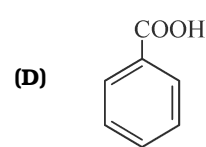
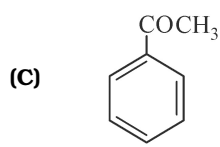
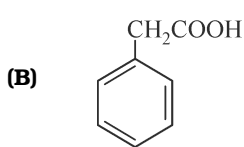
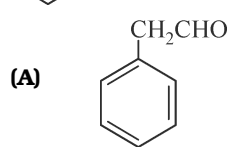
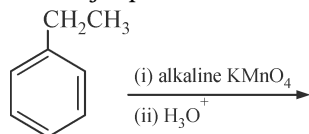
11. The major product obtained in the following reaction is :

(2019)



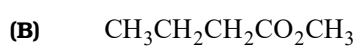
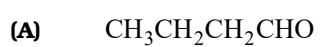
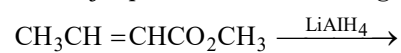
12. The major product of the following reaction is:

(2019)



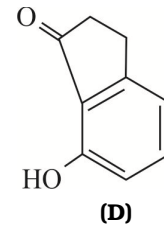
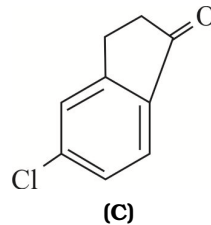
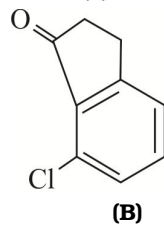
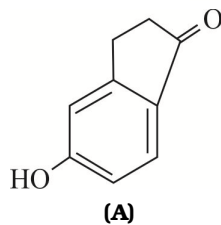
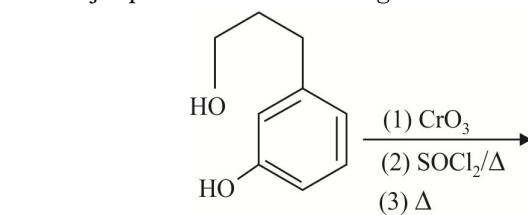
13. The major product of the following reaction is :

(2019)

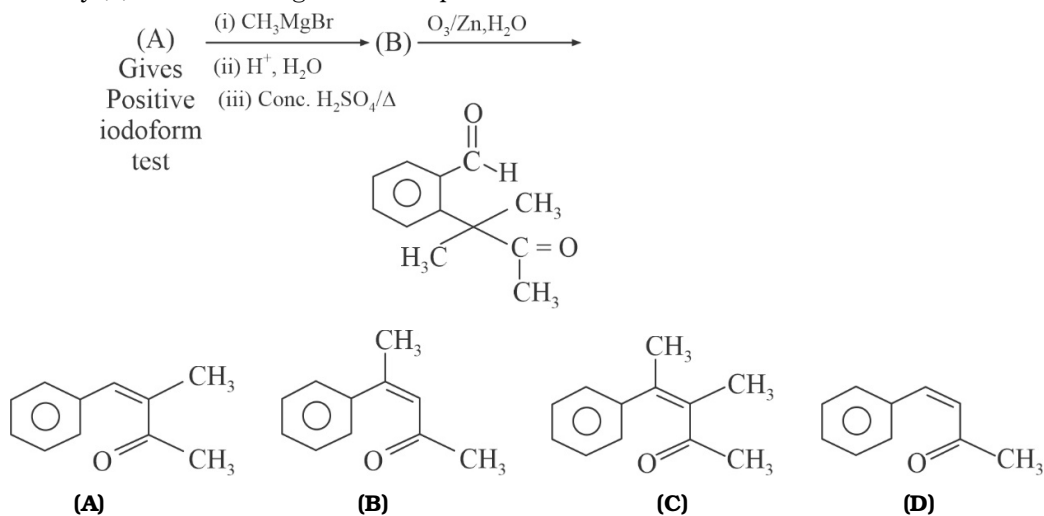


14. The major product of the following reaction is:

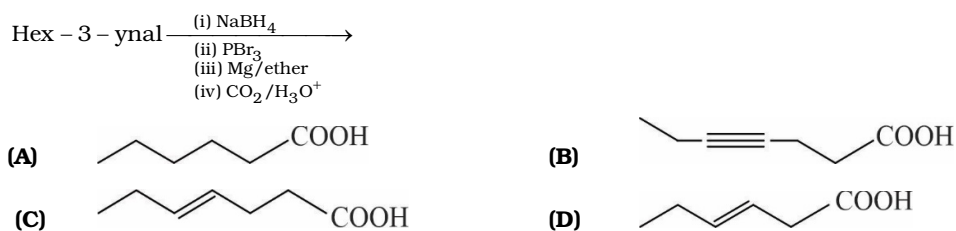
(2019)



15. Identify (A) in the following reaction sequence : (2020)



16. What is the product of the following reaction? (2020)



17. The most suitable reagent for the given conversion is : (2020)

