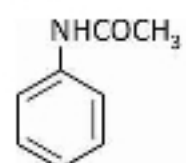
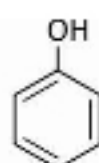


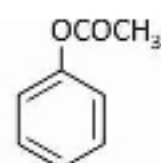
111. Which of the following compounds will form significant amount of meta product during mono-nitration reaction ? (2017)



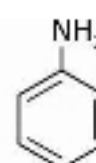
(A)



(B)



(C)



(D)

112. 3-Methyl-pent-2-ene on reaction with HBr in presence of peroxide forms an addition product. The number of possible stereoisomers for the product is : (2017)

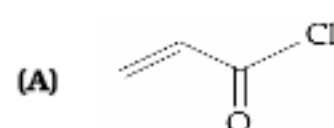
(A) Four

(B) Six

(C) Zero

(D) Two

113. Which of the following compounds will not undergo Friedel Craft's reaction with benzene ? (2017)



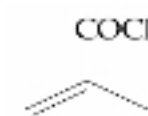
(A)



(B)



(C)



(D)

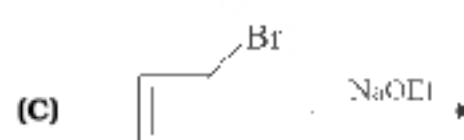
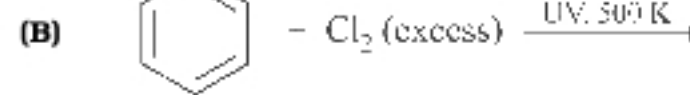
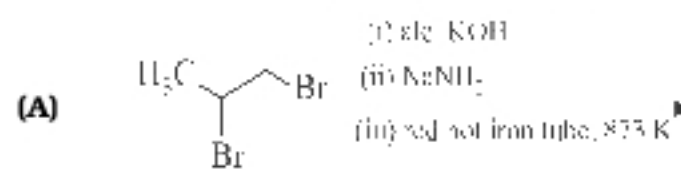
114. The *trans*-alkenes are formed by the reduction of alkynes with : (2018)

(A) Na / liq. NH_3

(B) Sn - HCl

(C) H_2 - Pd / C, BaSO_4 (D) NaBH_4

115. Choose the correct option(s) that give(s) an aromatic compound as the major product : (2019)



116. Total number of hydroxyl groups present in a molecule of the major product P is _____. (2019)

