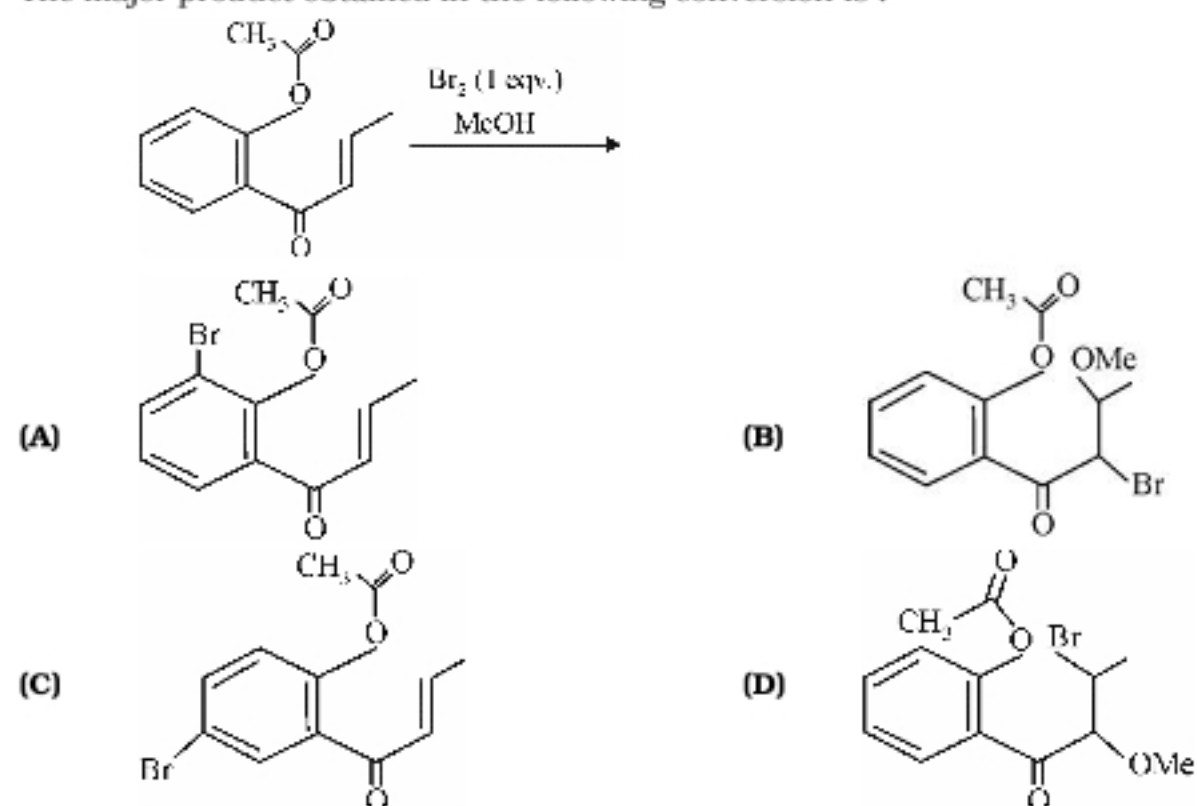


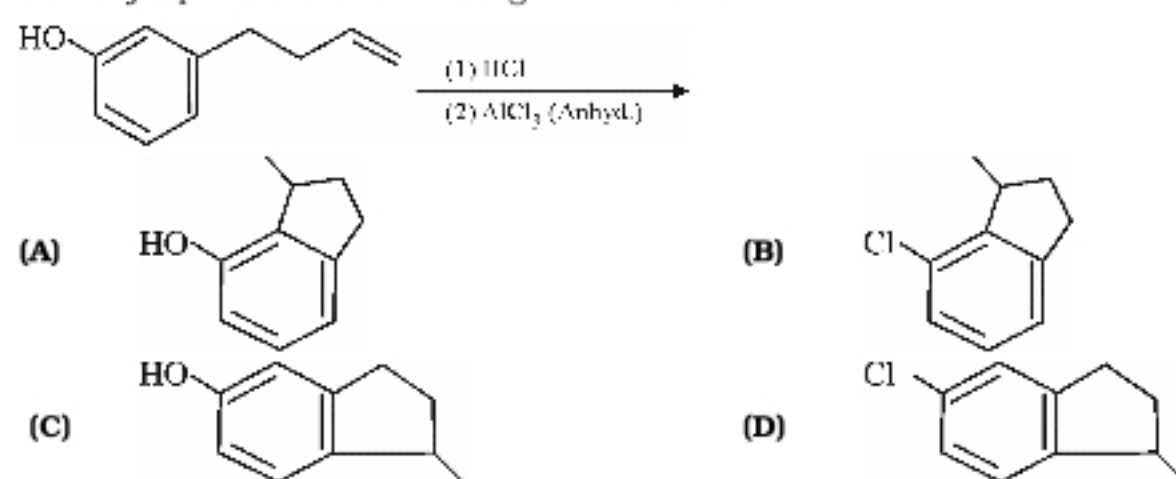
27. The major product obtained in the following conversion is :

(2019)



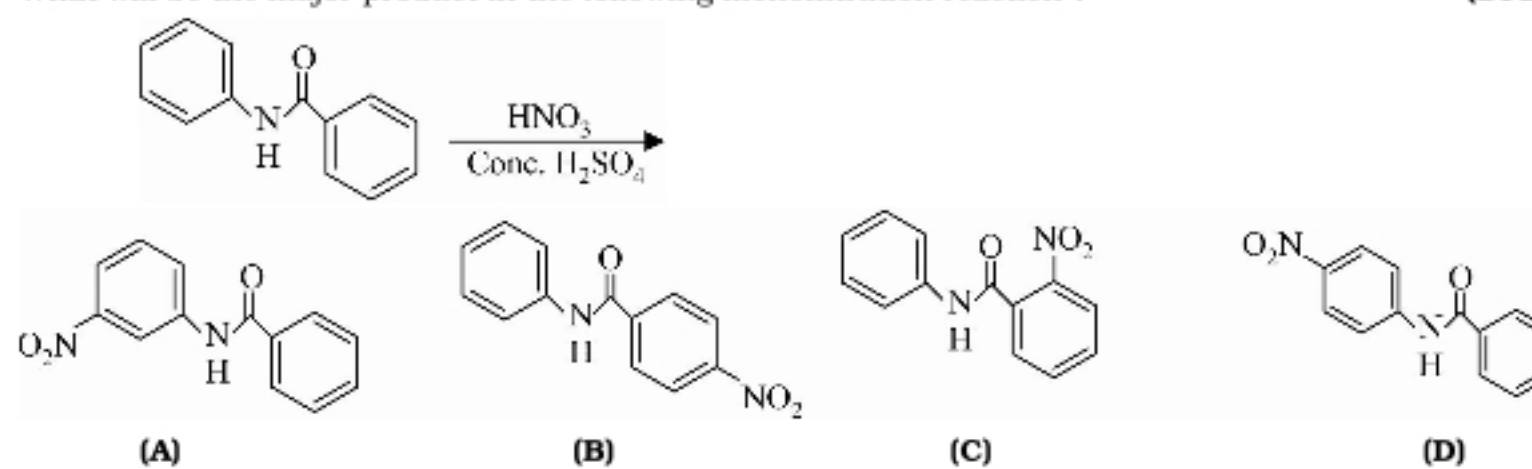
28. The major product of the following reaction is :

(2019)



29. What will be the major product in the following mononitration reaction ?

(2019)



30. 25 g of an unknown hydrocarbon upon burning produces 88 g of  $\text{CO}_2$  and 9 g of  $\text{H}_2\text{O}$ . This unknown hydrocarbon contains :

(2019)

- (A) 20 g of carbon and 5 g of hydrogen      (B) 22 g of carbon and 3 g of hydrogen
- (C) 18 g of carbon and 7 g of hydrogen      (D) 24 g of carbon and 1 g of hydrogen