

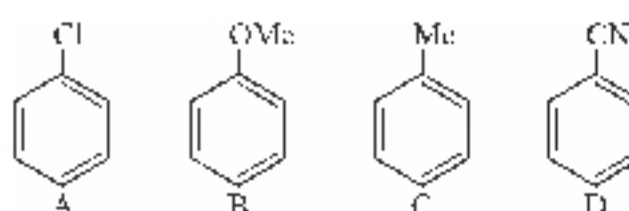
35. Polysubstitution is a major drawback in : (2019)

- (A) Reimer tiemann reaction (B) Friedel Craft's alkylation
(C) Acetylation of aniline (D) Friedel Craft's acylation

36. Which one of the following alkenes when treated with HCl yields majorly an anti Markovnikov product ? (2019)

- (A) $\text{F}_3\text{C}-\text{CH}=\text{CH}_2$ (B) $\text{Cl}-\text{CH}=\text{CH}_2$
(C) $\text{H}_2\text{N}-\text{CH}=\text{CH}_2$ (D) $\text{CH}_3\text{O}-\text{CH}=\text{CH}_2$

37. The increasing order of reactivity of the following compounds towards aromatic electrophilic substitution reaction is : (2019)

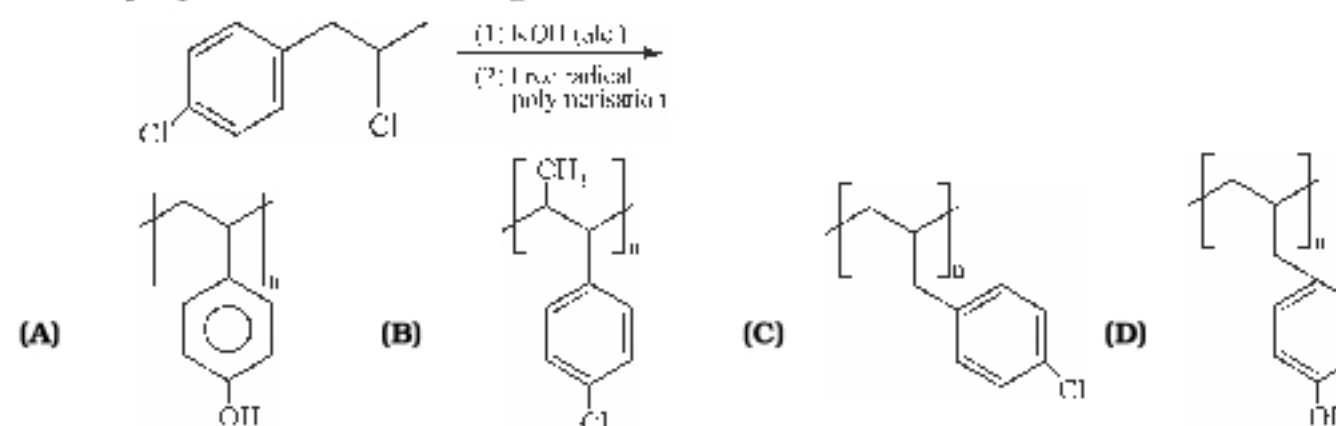


- (A) $A < B < C < D$ (B) $B < C < A < D$ (C) $D < A < C < B$ (D) $D < B < A < C$

38. The major product of the following reaction is : $\text{CH}_3\text{C}=\text{CH} \xrightarrow[\text{(ii) DI}]{\text{(i) DCl (1 equiv.)}}$ (2019)

- (A) $\text{CH}_3\text{CH}(\text{Cl})\text{CHD}(\text{I})$ (B) $\text{CH}_3\text{C}(\text{I})(\text{Cl})\text{CHD}_2$
(C) $\text{CH}_3\text{CD}_2\text{CH}(\text{Cl})(\text{I})$ (D) $\text{CH}_3\text{CD}(\text{I})\text{CHD}(\text{Cl})$

39. The major product of the following reaction is : (2019)



40. The major product of the following reaction is : (2019)

