

13. Polysubstitution is a major drawback in

- (a) Reimer-Tiemann reaction
- (b) Friedel-Crafts acylation
- (c) Friedel-Crafts alkylation
- (d) Acetylation of aniline.

Solution:

The product obtained is more activated in Friedel-Crafts alkylation and thus, polysubstitution will take place.

Hence option (3) is the answer.