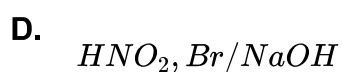
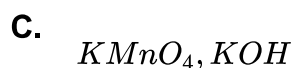
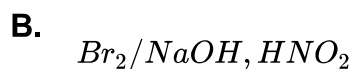
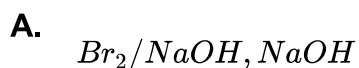
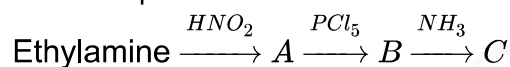


What is "A" and "B" in the following reaction?



2. The end product in the reaction sequence would be:



A. Ethyl cyanide

B. Ethyl amine

C. Methyl amine

D. Acetamide

3. Acylation of amines with acyl halides proceeds by which of the following reaction?

A. electrophilic addition

B. electrophilic substitution

C. nucleophilic addition

D. nucleophilic substitution

4. The organic compound that undergoes carbylamine reaction is:
- $(C_2H_5)_2NH$
 - $C_2H_5NH_2$
 - $(C_2H_5)_3N$
 - $(C_2H_5)_4N^+I^-$
5. Which of the following amines will form a product that is soluble in KOH, on reaction with Hinsberg's reagent?
- Isopropylamine
 - Diethylamine
 - N,N-Dimethylpropylamine
 - N,N-Dimethylaniline