



In Hofmann bromamide degradation, one of the important steps is the migration of

A) an alkyl group without its electron pair to electron deficient N atom.

B) an alkyl group with its electron pair to electron deficient O atom.

C) an alkyl group with its electron pair to electron rich N atom.

D) an alkyl group with its electron pair to electron deficient N atom.

Correct Answer: D

Solution :

[d] For this one should remember that Hofmann's degradation involves migration to electron deficient nitrogen atom, hence the alkyl

group will migrate with its bonding pair of electrons.

