Bromination and Nitration Reaction of Phenacetin (Please read Unit 16)

The **Electrophilic aromatic substitution** is an organic reaction in which a hydrogen atom, on the aromatic ring is replaced by an electrophile. The most important reactions of this type that take place are nitration, halogenation, sulfonation, and Friedel–Crafts reactions.

**Nitration** reaction is an important electrophilic aromatic substitution reaction. It introduces a nitrogen atom into the aromatic ring.

Let us review the concept of "aromaticity".