

## NCERT/CBSE CHEMISTRY CLASS 12 textbook

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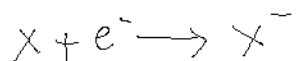
### CHAPTER SEVEN

#### The p-Block Elements

7.23

Why are halogens strong oxidising agents?

Halogens are strong oxidizing agents because they are highly electronegative, and have low bond dissociation energy. They have a strong tendency to gain electrons.



Since the halogens get easily reduced they are very strong oxidizing agents. The oxidizing power decreases from F<sub>2</sub> to I<sub>2</sub>. Therefore Fluorine is the strongest oxidizing agent in the halogen group.

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