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General Questions

Practice Questions

Q1. Which of the following elements is most likely to lose an electron?

A. Fluorine
B. Sodium
C. Chlorine
D. Oxygen

Solution: Sodium is an alkali metal and readily loses one electron to achieve a stable electron configuration.

Q2. What is the maximum number of unpaired electrons in a nitrogen atom?

A. 1
B. 2
C. 3
D. 4

Solution: Nitrogen has three unpaired electrons in its 2p orbitals (1s2 2s2 2p3).

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