

NCERT/CBSE CHEMISTRY CLASS 11 textbook

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CHAPTER THREE

CLASSIFICATION OF ELEMENTS AND PERIODICITY OF PROPERTIES

3.36 The size of isoelectronic species – F^- , Ne and Na^+ is affected by

- (a) nuclear charge (Z)
- (b) valence principal quantum number (n)
- (c) electron-electron interaction in the outer orbitals
- (d) none of the factors because their size is the same.

3.36 solution

The size of isoelectronic species is affected by Nuclear Charge.

Greater nuclear charge leads to a smaller radii.

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