

Q.7 The effect of Lanthanoid contraction in the 1st lanthanoid series of element by and large means [2020]

- (A) increase in atomic radii
- (B) Increase in atomic radii & dec in ionic radii
- (C) increase in both atomic and ionic.
- (D) dec. in atomic radii and inc. in ionic radii.

So in Lanthanoid contraction is due to Mf.

Poor shielding. As a result the Z_{eff} will be more.