

60. **Assertion** : Separation of Zr and Hf is difficult.  
**Reason** : Because Zr and Hf lie in the same group of the periodic table.
61. **Assertion** : Actinoids form relatively less stable complexes as compared to lanthanoids.  
**Reason** : Actinoids can utilise their  $5f$  orbitals along with  $6d$  orbitals in bonding but lanthanoids do not use their  $4f$  orbital for bonding.

60. (ii)      61. (iii)