

Q. Which statement is correct regarding Relation between Be and Al?

- ① Both Carbides on hydrolysis produce C_2H_2
- ② Both Be & Al oxides are Amphoteric.
- ③ In vapour state chlorides of both exist as chloro-bridge dimer having $(3c-4e^-)$ bonds.
- ④ Both Be & Al nitrides on hydrolysis gives NH_3 gas

- Ⓐ 1, 2 are correct
- Ⓑ 1, III are correct.
- Ⓒ 1, II, III, IV are correct
- Ⓓ Only III is correct.

Solⁿ

Ⓒ I, II, III, IV are correct as they share diagonal relationship so most of their properties are same.