

. Is catenation possible in carbon?

- a) Yes
- b) Maybe
- c) No
- d) Cannot say

Answer: a

Explanation: Catenation is a tendency of elements to form long chains with repeated units of the same element. The greater the strength of element, the greater the strength of catenation. In the carbon family, the catenation strength is in the decreasing order of carbon, silicon, germanium = stannum and plumbum.