

Do Carbon family elements show multiple bonding?

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

Answer: a

Explanation: Yes, carbon forms  $p\pi-p\pi$  bonds with itself and with sulphur, nitrogen and oxygen other elements show the negligible tendency of this type due to their larger size. Other elements form  $d\pi-p\pi$  multiple bonds.