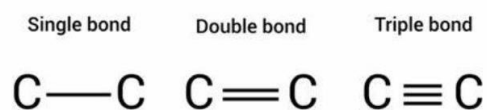
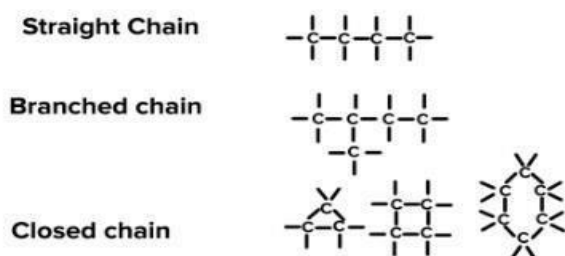


CONCEPT - 01 : General Introduction To Organic Chemistry

TOPIC - 02 : Catenation

- Catenation can be defined as self-linking of atoms of an element to form chains and rings.
- This definition can be extended to include the formation of layers (two dimensional catenation) and space lattices (three dimensional catenation).
- It depends upon bond energy, size and bond length between the atoms of the same element.



Subtopic : Why Carbon shows highest catenation property ?

- Carbon shows the property of catenation as it is small in size and has the ability to form stable covalent bonds with other carbon atoms to form a chain-like structure.
- The bond energy between the C-C bond is very high which enables them to form a long chain of C-C stable bonds.

