

Unit 3: Chemical bonding

Subunit 3.5: Shapes of molecules

Topical Question No: 1

- 9 Dicarbon monoxide, C_2O , is found in dust clouds in space. Analysis of it shows that the sequence of atoms in this molecule is $\text{C}-\text{C}-\text{O}$. All bonds are double bonds and there are no unpaired electrons.

How many lone pairs of electrons are present in a molecule of C_2O ?

- A** 1 **B** 2 **C** 3 **D** 4

Answer Key

1. Error