

## Unit 3: Chemical bonding

### Subunit 3.5: Shapes of molecules

#### *Topical Question No: 1*

- 9 Dicarbon monoxide,  $\text{C}_2\text{O}$ , 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  $\text{C}_2\text{O}$ ?

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

## Answer Key

1. Error