

4 What is the FBF bond angle in boron trifluoride, BF_3 ?

- ☐ A 180°
- ☐ B 120°
- ☐ C 109.5°
- ☐ D 90°

(Total for Question 4 = 1 mark)

5 What is the total number of electrons in the covalent bonds in a beryllium chloride molecule, BeCl_2 ?

- ☐ A 2
- ☐ B 4
- ☐ C 6
- ☐ D 8

(Total for Question 5 = 1 mark)

6 Which of the following molecules is linear?

- ☐ A CO_2
- ☐ B C_2H_4
- ☐ C H_2O
- ☐ D NH_3