

Chemistry

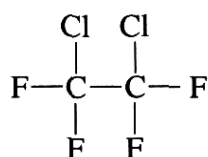
Section I – Part B (continued)

Marks

Question 25 (6 marks)

- (a) What is the systematic name of the CFC in the diagram?

1



..... chloroethane

- (b) Identify the bonding within ozone, using a Lewis electron-dot diagram.

2



- (c) Discuss how CFCs damage the ozone layer, using relevant equations.

3

CFC's release reactive Cl which is very harmful in the stratosphere causing U.V radiation to enter the Earth's atmosphere in high quantities changing the atmosphere dramatically by make oxygen radicals and many other damages

