

Practical skills – 2021/20 GCSE Gateway Chemistry A**1. Nov/2020/Paper_J248/01/No.21(a)**

This question is about structure and bonding.

(a) Look at the two structures, **A** and **B**, in Fig. 22.1.

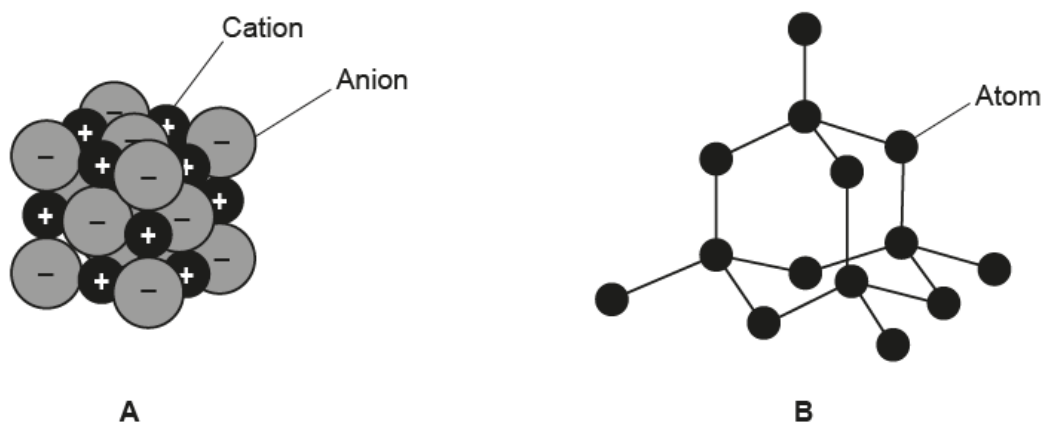


Fig. 22.1

(i) Identify the bonding in structure **A**.

Explain your answer.

Bonding

Explanation

[2]

(ii) Explain why structure **B** has a high melting point.

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..... [2]

(iii) Explain why structure **B** does **not** conduct electricity.

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..... [1]