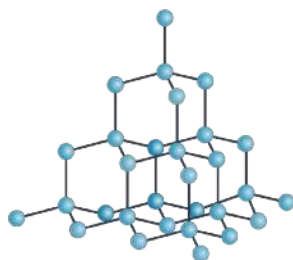
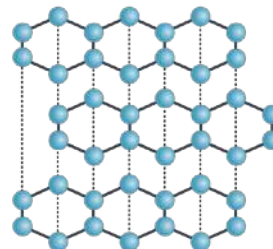


0	1
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The element carbon comes in different forms. The structures of two forms of carbon, graphite and diamond, are shown below. Although they are both forms of carbon, graphite and diamond have different properties.



Diamond



Graphite

0	1
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1

Diamond is much harder than graphite. Graphite can conduct electricity but diamond cannot. Explain why.

[6 marks]

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(Total 6 marks)

End