CHEM1102 2006-J-3 June 2006

| • | Carbon has a number of allotropes, the two major ones being graphite and diamond. What are allotropes?   | Marks<br>3 |
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|   | Give a different example for allotropes.   |            |
|   | The phase diagram of carbon shows that diamond is not the stable allotrope under normal conditions. Why then does diamond exist under normal conditions? |            |
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