

Unit : CHY1A CHEMISTRY UNIT 1A

Centre :

Candidate Number :

UCI :

Series : BG06

Candidate Name :

22-NOV-06

For completion by the Examination Invigilator. Please fill this circle if the candidate is absent:

## HIGHER TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE to NINE Choose one response 1 - 4 for each of the parts A - D

| QUESTION ONE |         | 1                     | 2                     | 3                     | 4                     |
|--------------|---------|-----------------------|-----------------------|-----------------------|-----------------------|
| A            | methane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B            | pentane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C            | octane  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D            | nonane  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION TWO |  | 1                     | 2                     | 3                     | 4                     |
|--------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION THREE |  | 1                     | 2                     | 3                     | 4                     |
|----------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION FOUR |  | 1                     | 2                     | 3                     | 4                     |
|---------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION FIVE |  | 1                     | 2                     | 3                     | 4                     |
|---------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION SIX |  | 1                     | 2                     | 3                     | 4                     |
|--------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D            |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION SEVEN |  | 1                     | 2                     | 3                     | 4                     |
|----------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION EIGHT |  | 1                     | 2                     | 3                     | 4                     |
|----------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION NINE |  | 1                     | 2                     | 3                     | 4                     |
|---------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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# FOUNDATION TIER

Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions **ONE** to **NINE** Choose one response **1 - 4** for each of the parts **A - D**

| QUESTION ONE |          | 1                     | 2                     | 3                     | 4                     |
|--------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| A            | calcium  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B            | copper   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C            | gold     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D            | titanium | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION TWO |                     | 1                     | 2                     | 3                     | 4                     |
|--------------|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| A            | good conductors     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B            | high melting points | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C            | made into alloys    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D            | tough               | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION THREE |                | 1                     | 2                     | 3                     | 4                     |
|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|
| A              | aluminium (Al) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B              | iron (Fe)      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C              | oxygen (O)     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D              | potassium (K)  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION FOUR |  | 1                     | 2                     | 3                     | 4                     |
|---------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A             | costs 1p to produce 1000J of heat energy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B             | causes least pollution                   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C             | releases the most heat energy per kg     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D             | is likely to produce the most acid rain  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION FIVE |             | 1                     | 2                     | 3                     | 4                     |
|---------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|
| A             | a bond      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B             | an electron | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C             | an element  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D             | a nucleus   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION SIX |         | 1                     | 2                     | 3                     | 4                     |
|--------------|---------|-----------------------|-----------------------|-----------------------|-----------------------|
| A            | methane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B            | pentane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C            | octane  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D            | nonane  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION SEVEN |  | 1                     | 2                     | 3                     | 4                     |
|----------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION EIGHT |  | 1                     | 2                     | 3                     | 4                     |
|----------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D              |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| QUESTION NINE |  | 1                     | 2                     | 3                     | 4                     |
|---------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| A             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| B             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| C             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| D             |  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

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