

**Unit : CHY1BP      CHEMISTRY UNIT 1B**
**Centre :**
**Candidate Number :**
**UCI :**

Series : BG07

**Candidate Name :**

22-NOV-07

 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**

- |          |  |                       |                       |                       |                       |   |
|----------|--|-----------------------|-----------------------|-----------------------|-----------------------|---|
| <b>A</b> | Oil hardens and additives are mixed in.    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |
| <b>B</b> | Sunflower oil separates from the water.    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |
| <b>C</b> | Water is added and the mixture is stirred. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |
| <b>D</b> | Sunflower oil is reacted with hydrogen.    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |

**QUESTION TWO**
**1   2   3   4**

- |          |           |                       |                       |                       |                       |   |
|----------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|---|
| <b>A</b> | formula A | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |
| <b>B</b> | formula B | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |
| <b>C</b> | formula C | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |
| <b>D</b> | formula D | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | . |

**QUESTION THREE**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**QUESTION FOUR**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**QUESTION FIVE**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**QUESTION SIX**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**QUESTION SEVEN**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**QUESTION EIGHT**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**QUESTION NINE**
**1   2   3   4**

- |          |                       |                       |                       |                       |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>A</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>B</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>C</b> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| <b>D</b> | <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	colouring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	emulsifier	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	preservative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	sweetener	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	QUESTION TWO	1	2	3	4
A	Screwdriver	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	Disposable coffee cup	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	Bottle for soft drinks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	Frying pan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	QUESTION THREE	1	2	3	4
A	Olive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	Palm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	Rapeseed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	Sunflower	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	QUESTION FOUR	1	2	3	4
A	ammonia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	helium	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	methane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	oxygen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	QUESTION FIVE	1	2	3	4
A	alkene with the smallest molecules	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	alkene with the largest molecules	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	alkane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	polymer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	QUESTION SIX	1	2	3	4
A	Oil hardens and additives are mixed in.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B	Sunflower oil separates from the water.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C	Water is added and the mixture is stirred.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D	Sunflower oil is reacted with hydrogen.	<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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