**A-LEVEL CHEMISTRY**

**PAPER 2**

**PRACTICE PAPER 11**

Answer all questions

Max 105 marks

2 hours

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| --- | --- | --- |
|  | Name …………………………………………………………….. |  |
|  | Mark ……../105 ……....% Grade ……… |  |

|  |  |
| --- | --- |
| **1.** |  |
|  | **(Total 4 marks)** |
| **2.** |  |
|  |  |
|  | **(Total 6 marks)** |
| **3.** | **(Total 3 marks)** |
| **4.** | (a) | Name of organic product: ………………………………………………………………………………………………………………(5 marks) |
|  | (b) | ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………(2 marks) |

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|  | (c) | ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………(4 marks)**(Total 11 marks)** |
| **5.** | (2 marks)**(Total 2 marks)** |

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| --- | --- |
| **6.** | Name of R: ……………………………………………………………………………….Name of mechanism: ……………………………………………………………….Mechanism:(7 marks) |
|  | Name of mechanism: ………………………………………………………Structure of S:Reagents: …………………………………………………………………………..Type of reaction: ………………………………………………………………(4 marks)**(Total 11 marks)** |
| **7.** |  **(Total 4 marks)** |
| **8.** | Equation: ……………………………………………………………………………………………………………………………………………………………..Name of mechanism: …………………………………………………………………………………………………………………………………………..Mechanism:(6 marks) |
|  | Name of mechanism: …………………………………………………………………………………………………………………………………………..Mechanism:……………………………………………………………………………………………………………………………………………………………………………...……………………………………………………………………………………………………………………………………………………………………………...……………………………………………………………………………………………………………………………………………………………………………...……………………………………………………………………………………………………………………………………………………………………………...……………………………………………………………………………………………………………………………………………………………………………...(8 marks)**(Total 14 marks)** |

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| **9.** |   |
|  |  |
|  | **(Total 6 marks)** |
| **10.** | **(Total 2 marks)** |

|  |  |
| --- | --- |
| **11.** |  |
|  | (iii) | (4 marks) |
|  | **(Total 8 marks)** |

|  |  |
| --- | --- |
| **12.** | ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………(5 marks) |
|  |  ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………(7 marks) |

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|  | ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………(5 marks)**(Total 17 marks)** |
| **13.** |  |
|  |  |
|  |  |
|  |  |
|  | **(Total 17 marks)** |