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| Name |  |
| A Level AQA Computer Science Paper 1    Electronic Answer Document (EAD)  **Instructions**   Enter your name in the box at the top of this page   Answer **all** questions by entering your answers into this document   Remember to **save** this document regularly   Save and print this document and any additional pages   Answer **all** questions   The marks available for each question are shown in brackets   You will need:  □ access to a computer  □ access to a printer  □ access to appropriate software  □ electronic copies of the required skeleton code  □ EAD (Electronic Answer Document) | |

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| Section A -Written Questions  Answer all questions.  Remember to save this document regularly. |

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| **Q** | **Answer** | *Mark  (leave blank)* |
| A1 | 23 |  |
| A2 | 1 |  |
| A3 | It is faster on larger datasets and less memory intensive |  |
| A4 | Binary searches require the list to be in order, meaning it cannot accurately search an unordered list |  |
| A5 | Value not found must be a string |  |
| A6 | I is an item in the list not an index |  |
| A7 | It creates an infinite loop |  |
| A8 | The amount of tasks it takes for the program to run |  |
| A9 | O(n) |  |
| A10 | Memory intensive and makes a large stack |  |

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| Section B - Programming Tasks  Answer all questions.  Remember to save this document regularly. DO NOT SCREENSHOT CODE |

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| **Q** | **Answer** | *Mark  (leave blank)* |
| B1 | return ("Value not found") |  |
| B2 |  |  |
| B3 |  |  |
| B4 |  |  |
| B5 |  |  |
| B6 |  |  |
| B7 |  |  |