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| Please write clearly in block capitals. | | | | | | | | | | | | |
| Centre number |  |  | |  |  |  | Candidate number |  |  |  |  |  |
|  | | | | | | | | | | | | |
| Surname | | |  | | | | | | | | |
| Forename(s) | | |  | | | | | | | | |
| Candidate signature | | |  | | | | | | | | |
| Programming language | | | I declare this is my own work. | | | | | | | | |
|  | | | | | | | | |

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| **INTERNATIONAL A-LEVEL** |
| COMPUTER SCIENCE |
| Unit 3 Advanced Programming |

Time allowed: 2 hours 30 minutes

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| For Examiner’s Use | |
| Question | Mark |
| 1 |  |
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| TOTAL |  |

Instructions

* This is the Electronic Answer Document (EAD). Answer **all** questions by entering your answers into this document on screen. You **must save** this document at regular intervals.
* Before the examination begins, type the information needed in the boxes **at the top of this page**.
* Before the examination begins, type the information needed in the boxes **in the footers** (page 2 onwards) of this EAD.

**During the examination**

* You may print pages of your EAD. A Print Monitor will collect and deliver your print out to you. You must **not** collect your own print-out.

**Exceptions**

* If you experience difficulty inserting screen shots into your EAD then you may print these separately and attach to the back of the EAD with a reference in the correct place in the EAD. Ensure that your **centre number**, **candidate name** and **candidate number** are on each sheet.

**At the end of the examination**

* Save for the last time and print your EAD on one side only (not double-sided). A Print Monitor will collect and deliver your print out to you. Check that your details are in the footers of every page. Write them in if they are not.
* Enter your signature on the front cover.
* Staple or tie all pages together in the top left-hand corner of the EAD.
* Hand in **all** pages of the EAD to the Invigilator.

**Warning**

* It may not be possible to credit an answer if your:

– details are not printed on every page as instructed above

– evidence is not legible to the Examiner.

Answer **all** questions.

You **must save** this document at regular intervals or you may lose your work.

**Section A**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
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| **Question 01** | | | |  |  |
| **0** | **1** | **.** | **1** |  |  |
| **0** | **1** | **.** | **2** | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |
| **0** | **1** | **.** | **3** |  |  |
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| **Question 02** | | | |  |  |
| **0** | **2** | **.** | **1** |  |  |
| **0** | **2** | **.** | **2** |  |  |
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| **Question 03** | | | |  |  |
| **0** | **3** | **.** | **1** |  |  |
| **0** | **3** | **.** | **2** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |
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**Section B**

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| **Question 04** | | | |  |  |
| **0** | **4** | **.** | **1** |  |  |
| **0** | **4** | **.** | **2** |  |  |
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| **Question 05** | | | |  |  |
| **0** | **5** | **.** | **1** |  |  |
| **0** | **5** | **.** | **2** |  |  |
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|  |  |  |  |  | **13** |

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| **Question 06** | | | |  |  |
| **0** | **6** | **.** | **1** |  |  |
| **0** | **6** | **.** | **2** |  |  |
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| **Question 07** | | | |  |  |
| **0** | **7** | **.** | **1** |  |  |
| **0** | **7** | **.** | **2** |  |  |
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|  |  |  |  |  | **27** |

**If you have made any separate evidence, put a reference in the correct place in this Electronic Answer Document.**

**Ensure that your Centre Number, Candidate Name and Candidate Number are on each sheet.**

**Attach them to the back of this document.**