

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
TOTAL	



General Certificate of Education  
Advanced Subsidiary Examination  
June 2010

# Information and Communication Technology **INFO1**

## Unit 1 Practical Problem Solving in the Digital World

Tuesday 18 May 2010 1.30 pm to 3.00 pm

For this paper you must have your Sample Work and attach it with a completed and signed Candidate Record Form to this question paper/answer booklet at the end of the examination.

### Time allowed

- 1 hour 30 minutes

### Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

### Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 80.
- You will **not** gain credit for the use of brand names in your answers.
- Question 7 should be answered in continuous prose.  
In this question you will be marked on your ability to:
  - use good English
  - organise information clearly
  - use specialist vocabulary where appropriate.

**Warning** If you do not hand in both this question paper/answer booklet and your Sample Work it may not be possible to issue a result for this unit.



J U N 1 0 I N F O 1 0 1

**Section A**

Answer **all** questions in the spaces provided.

**1** For each of the following tasks, name and justify what you consider to be the most suitable data input method to use.

**1 (a)** Automatic sorting of post using the postcode on each envelope

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*(2 marks)*

**1 (b)** Recording the answers from multiple-choice examination papers

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*(2 marks)*

**1 (c)** Producing a letter

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*(2 marks)*

<b>6</b>







**Section B**

Answer **all** questions in the spaces provided.

**5** Answer this question using the Sample Work that you have brought into the examination with you.

For this question:

- you **must** give the page number of where the evidence for your answer may be found in your Sample Work
- you **must** write the question number in the margin of that page in your Sample Work.

**PROBLEM IDENTIFICATION**

**5 (a)** Give the page number in your Sample Work where you describe the problem that required a solution.

Page .....

*In your Sample Work, write '5(a)' in the margin of that page next to your evidence.*

With reference to your Sample Work, describe the problem that required a solution.

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(2 marks)

**5 (b)** Give the page number in your Sample Work where you identify who needed the solution.

Page .....

*In your Sample Work, write '5(b)' in the margin of that page next to your evidence.*

With reference to your Sample Work, identify who needed the solution.

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(2 marks)

**Turn over ▶**











**Turn over for the next question**

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

**Turn over ▶**







7 A student is leaving home to start an apprenticeship later this year. His parents plan to purchase a laptop computer and appropriate software for him to take. They do not know what software to buy because they do not understand the role and functions of either systems software or applications software.

They have asked you to explain to them, with the use of examples, the role and functions of both systems software and applications software so they can make a decision on what software to buy.

In this question you will be marked on your ability to use good English, to organise information clearly and to use specialist vocabulary where appropriate.

(20 marks)

*This space is available for planning your answer, if you wish to use it.*

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Turn over ▶



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Area with horizontal dotted lines for writing.

**END OF QUESTIONS**

<b>20</b>



**There are no questions printed on this page**

**DO NOT WRITE ON THIS PAGE  
ANSWER IN THE SPACES PROVIDED**

