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| Centre Number       |  |  |  |  |  | Candidate Number |  |  |  |  |
| Surname             |  |  |  |  |  |                  |  |  |  |  |
| Other Names         |  |  |  |  |  |                  |  |  |  |  |
| Candidate Signature |  |  |  |  |  |                  |  |  |  |  |



General Certificate of Education  
Advanced Subsidiary Examination  
June 2011

# Information and Communication Technology **INFO1**

## Unit 1 Practical Problem Solving in the Digital World

**Friday 27 May 2011 9.00 am to 10.30 am**

### 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
- Insert for use with Question 6 (enclosed).

### 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.

| For Examiner's Use  |      |
|---------------------|------|
| Examiner's Initials |      |
| Question            | Mark |
| 1                   |      |
| 2                   |      |
| 3                   |      |
| 4                   |      |
| 5                   |      |
| 6                   |      |
| 7                   |      |
| <b>TOTAL</b>        |      |



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M/Jun11/INFO1

**INFO1**

**Section A**

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

- 1** State **two** input devices that can be used with a games console.

.....  
 .....

(2 marks)

2

- 2** For each of the following tasks, name and justify what you consider to be a suitable output device to use.

The output devices you give for each task must be different.

- 2 (a)** Displaying your holiday photographs

.....  
 .....  
 .....  
 .....

(2 marks)

- 2 (b)** Playing your latest music download

.....  
 .....  
 .....  
 .....

(2 marks)

- 2 (c)** Producing an ICT essay

.....  
 .....  
 .....  
 .....

(2 marks)

6





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|          |
| <b>6</b> |



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

For this question:

- 5 (a)** Give the page number in your Sample Work where you have included your problem identification.

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

With reference to your Sample Work, explain what you included in your problem identification.

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**Turn over ►**



Page .....

Explain, using examples of your client's requirements, why you needed to identify and clearly document what these requirements were.

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**5 (c)** One reason for testing a solution is to ensure validity of data input.

What other reasons are there for testing?

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(3 marks)

**Question 5 continues on the next page**

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Page .....

With reference to your test plan, test data and testing evidence, describe and justify tests you have carried out for **two** different reasons. (10 marks)

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| 25 |
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**Turn over for the next question**

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[illegible]

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Handwriting practice area with 20 horizontal dotted lines.



**Turn over for the next question**

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ANSWER IN THE SPACES PROVIDED**

**Turn over ►**



- 7 The mobile phone has become the most commonly used ICT device in the world today because of the range of software applications that can be used on it.

Discuss this statement, including in your answer examples of software applications that can be used on mobile phones.

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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[illegible]

20



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ANSWER IN THE SPACES PROVIDED**



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