

Surname					Other Names				
Centre Number					Candidate Number				
Candidate Signature									

Leave blank

General Certificate in Education
ADVANCED SUBSIDIARY
 Specimen Paper for 2009



INFORMATION AND COMMUNICATION TECHNOLOGY INFO1
Unit 1 Practical Problem Solving in the Digital World

Date Time

For this paper you must have:

- your Sample Work

For Examiner's Use			
Number	Mark	Number	Mark
1		5	
2		6	
3		7	
4			
Total (Column 1)		→	
Total (Column 2)		→	
TOTAL			
Examiner's Initials			

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- Answer the questions in the spaces provided.
- Write your name and centre details on your Sample Work. You must tie your Sample Work to this question paper/answer booklet before handing it in at the end of the examination.

Information

- The maximum mark for this paper is 80.
- The marks for questions are shown in brackets.
- You will **not** gain credit for the use of brand names in your answers.
- The quality of written communication will be assessed in **Question 5(b)(iii)**. 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.

SECTION A

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

- 1** Folders are used to organise files on computers.

Draw a suitable folder structure that a secretary who works for two managers, Mr Brown and Ms White, could use to organise the letters, memos and reports that she has to keep for each of them on her computer.

(2 marks)

- 2** Every month the organiser of a dog training group, Mrs Jones, sends an e-mail to all the members in her area. The e-mail has been sent to Mrs Jones from the National Dog Training Centre. She likes to add a scanned picture of ‘dog of the month’ to the e-mail before she sends it on.

State **three** functions provided by e-mail software, and explain how each one would help her to carry out the above task efficiently.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

3 Spreadsheet packages can be used to solve many different problems.

Describe a problem that you have solved using a spreadsheet and explain how the functionality of the spreadsheet helped you to solve that problem.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

Turn over for the next question

4

DVD-ROM	Flash Memory	CD-ROM
CD-RW	Portable Media Player	500 GB External Hard Drive

Choose a suitable storage medium from the list above for:

(a) Storing your work

(1 mark)

Reason.....

.....

(1 mark)

(b) Storing a podcast

(1 mark)

Reason.....

.....

(1 mark)

(c) Keeping a blog

(1 mark)

Reason.....

.....

(1 mark)

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. Also you **must** write the question number in the margin of that page in your Sample Work.

PROBLEM IDENTIFICATION

(a) (i) Give the page number where you identify your client in your Sample Work.

Page.....

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

(ii) Give the page number where you identify your user(s) in your Sample Work.

Page.....

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

(iii) With reference to your Sample Work, explain what is meant by 'a client and a user'.

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

(4 marks)

(iv) Explain the difference between ‘a user of a solution’ and ‘an audience for a solution’.

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

(2 marks)

(b) (i) Give the page number where you have stated your client’s requirements in your Sample Work?

Page.....

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

(ii) Describe **one** of your client's main requirements.

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

(iii) What, in detail, does your ICT solution need to produce for your client’s main requirement?

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.

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(9 marks)

(iv) Explain how you would evaluate that the requirement you identified in Question 5(b)(i) has been met.

.....

.....

.....

.....

.....

.....

.....

(4 marks)

Turn over for the next question

(b) She will need to use some applications software in order to develop the websites.

State, with reasons, **two** types of software packages that she may need to use. Your reasons must be different in each case.

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

(4 marks)

(c) The individual web pages and the website have been tested before uploading to a host server.

Describe the type of tests she would need to run to ensure that the website works effectively for any visitor to the site.

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

(6 marks)

(d) Website development will involve working at a computer for long periods of time.

What measures could she take to protect her health?

.....

.....

.....

.....

.....

.....

(3 marks)

Turn over for the next question

7 Several members of your family have purchased digital cameras and have taken digital photos of family events. You have agreed to use your PC to set up an electronic photo album.

(a) Explain how you would load and organise these photos on your PC.

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

(3 marks)

(b) How would you load older *non*-digital photos onto your PC?

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

(2 marks)

(c) What would you need to consider when storing large numbers of digital photos on your PC?

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

(4 marks)

There are no question printed on this page