

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 2009

Information and Communication Technology **INFO2**

Unit 2 Living in the Digital World

Friday 15 May 2009 9.00 am to 10.30 am

You will need no other materials.

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. Answers written in margins or on blank pages will not be marked.
- 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.
- 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.
- You will **not** gain credit for the use of brand names in your answers.

Advice

- You are advised to spend about 30 minutes on Section A.



J U N 0 9 I N F 0 2 0 1

SECTION A

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

You are advised to spend about 30 minutes on this section.

1 What characteristics of users should be considered when designing an ICT interface?

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

(4 marks)

4

2 Explain what ICT can provide.

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

(6 marks)

6



3 Explain, using examples, the need for standards when transferring data.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

4

4 Explain, with the aid of examples, the different forms that data can take.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

6

Turn over ▶



5 (b) Discuss the types of processing that e-commerce organisations could use.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6 marks)

Question 5 continues on the next page

Turn over ▶



5 (c) What are the implications of e-commerce for society?

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(8 marks)

6 (a) In relation to the use of ICT systems, and using an example for each, describe what is meant by malpractice and crime.

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

<hr/>
24



7 Read the following article about social networking sites and answer the question below.

Social networking sites don't deepen friendships

Social networking sites like Facebook and MySpace do not help you make more genuine close friends, according to a survey by researchers who studied how the websites are changing the nature of friendship networks.

Although social networking on the Internet helps people to collect hundreds or even thousands of acquaintances, the researchers believe that face to face contact is nearly always necessary to form truly close friendships.

“Although the numbers of friends people have on these sites can be massive, the actual number of close friends is approximately the same in the face to face real world,” said Will Reader at Sheffield Hallam University.

Social networking websites such as Facebook, Bebo and MySpace have taken off rapidly in recent years. Facebook was launched initially in 2004 for Harvard University members but has since expanded to over 34m users worldwide. MySpace, which was set up in 2003, has over 200m users and was bought by Rupert Murdoch's News Corporation in 2005 for \$580m.

Source: ‘*Social Networking sites don't deepen friendships*’ by JAMES RANDERSON.
Copyright Guardian News and Media Limited, 10 September 2007

7 Social networking sites are used by many students. Discuss the possible effects of using these sites on individuals and society.

Your discussion should include the following:

- use of the Internet for socialising
- the protection of personal data
- ethical factors
- cultural factors.

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.

.....

.....

.....

.....

.....

.....

.....

.....

.....

Turn over ▶



A large rectangular box containing 25 horizontal dotted lines, intended for writing or marking.



A large rectangular box containing 25 horizontal dotted lines for writing.

Turn over ▶



A large rectangular area containing 25 horizontal dotted lines, intended for writing answers.

END OF QUESTIONS

20

