

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 2014

Information and Communication Technology

INF02

Unit 2 Living in the Digital World

Monday 9 June 2014 1.30 pm to 3.00 pm

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. 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 maximum mark for this paper is 80.
- The marks for questions are shown in brackets.
- 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.



J U N 1 4 I N F 0 2 0 1

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ANSWER IN THE SPACES PROVIDED**



Section A

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

- 1** The first row of the table below has been completed for you with one example of what ICT can provide. Complete the table by giving four other examples of what ICT can provide.

ICT can provide

Fast repetitive processing

[4 marks]

4

Turn over for the next question

Turn over ▶



2 Good written communication skills and patience are two personal qualities that are necessary for an effective ICT professional.

For each of the above personal qualities, explain, using an example, why this quality would be useful to ICT professionals.

[6 marks]

Good written communication skills

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Patience

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6



4 Interfaces are designed to allow people to interact with ICT systems.

Look at the pictures of icons below.

4 (a) For each of the icons, suggest an action that would be carried out if the icon was selected.

[4 marks]



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4 (b) Explain what an icon is and why they are used in computer interfaces.

[4 marks]

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Turn over for the next question

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Section B

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

- 5 Concern for the environment is a factor that has caused people to worry about the ways in which ICT is used. Read the extract of an article below.

Electronic waste, or e-waste, consists of obsolete electrical and electronic equipment (EEE). Obsolete EEE includes computers, televisions, mobile phones, printers and white electronic goods, such as refrigerators. Although China and India were the traditional 'dumping grounds' for such discarded global e-waste, since 2005 several studies have exposed illegal exporting of e-waste from developed countries to African countries, and predominantly, Nigeria and Ghana.

www.consultancyafrica.com

Discuss, with examples, the effects that the widespread use of ICT has had on the environment.

[14 marks]

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Question 6 continues on the next page

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6 (c) Procedures are one component of a social networking system, for example, applying privacy settings. Describe other components of a social networking system.

[4 marks]

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Prime Minister David Cameron said:

“While the internet is undoubtedly a force for social and political good, as well as crucial to the growth of our economy, we need to protect against the threats to our security through cybercrime.

”Cyber security is a top priority for government and we will continue to work closely with the police, security services, international partners and the private sector to ensure that the UK remains one of the most secure places in the world.”

URL: <http://www.number10.gov.uk/news/cyber-security-strategy/>

Discuss the threats to society from cybercrime and what could be done to protect against it.

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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20

END OF QUESTIONS



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