



General Certificate of Education
January 2012
Advanced Subsidiary and Advanced Award
3, 6 and 12 Unit Award

Applied Information and Communication Technology **IT01/PM**

Unit 1 ICT and Society

1 November 2011 to 21 January 2012

AQA-set Assignment – Candidate Booklet

To be given to candidates on or after 1 November 2011

Time allowed

- Investigation time
- 15 hours under controlled conditions

Instructions

- Ensure all printouts that you hand in are clear enough for an examiner to read.

Unit 1: ICT and Society (IT01)

The Assignment – Candidate Booklet

Introduction

You should read this booklet together with the unit specification for *Unit 1: ICT and Society*. The work will be completed in two stages:

- investigation time, during which you will carry out preparatory work
- 15 hours of controlled conditions, during which you will complete and evaluate your work.

There are 70 marks available for this assignment. This is the only form of assessment for this unit. This assignment will be marked externally.

You will be awarded marks according to the quality of the work you complete and of the quality of written communication you use. The quality of written communication will be assessed within item (k). In this item you will be marked in part on your ability to use good English, to organise information clearly and to use specialist vocabulary where appropriate.

There are details of what you are required to produce in the *What you should hand in* section of this booklet.

1 The Task

An ICT teacher wants to use a set of web pages with their Year 7 pupils to explain to them how ICT is or will be used in the activities of promoting, organising and running, and reporting on the 2012 Olympic and Paralympic Games. The teacher also wants the pupils to understand the benefits and drawbacks of the use of ICT for those involved.

The teacher has asked you to create the web pages to be loaded on to the school VLE.

Please note that references to control technology will not be awarded any marks.

2 What you should hand in

When you have completed the assignment, you should hand in the following.

Completed during the investigation time:

- (a) A time plan to show how you initially intended to complete the work for this assignment (for both the investigation time and the 15 hours of controlled conditions). (1 mark)
- (b) Evidence to show understanding of the needs of the audience and how these will affect the content and layout requirements. (3 marks)
- (c) Evaluation criteria for the web pages, that will be used to assess suitability for purpose and audience. (3 marks)
- (d) A bibliography of sources, of different types, that you have used for research. (3 marks)

- (e) No more than three different possible draft designs for the layout and organisation of the set of web pages annotated to show how they are appropriate for the target audience and purpose. (3 marks)
- (f) Evidence of testing the suitability of your draft designs for the audience. (2 marks)
- (g) The final design annotated to show the range of design features used and the details that would be needed so that it could be implemented by a competent third party. The annotation should justify how the layout and content of the design are appropriate for the audience and purpose. (8 marks)

Completed during the controlled conditions:

- (h) A screenshot taken at the start of controlled conditions, to show the file names and types of all the files of researched material that you planned to use during the controlled conditions. (1 mark)
- (i) Screenshots of your set of web pages, annotated to show the range of software facilities used and the reasons for their use in relation to purpose and audience. (6 marks)
- (j) Screenshots to show how the web pages were composed and developed, including cross-references to files of research material (h). (6 marks)
- (k) A printout of all the final web pages that clearly shows the content.
(21 marks for the content of the web pages and the quality of written communication used in them, and 3 marks for acknowledging your sources)
- (l) An evaluation of the final set of web pages showing how they are suitable for the audience and purpose. Reference should be made to the evaluation criteria (c). (3 marks)
- (m) An evaluation of your own performance in producing the web pages, explaining how you overcame any problems, referenced to the screenshots in (j), above. (3 marks)
- (n) Your initial time plan (a), updated by hand, to show how you actually used your time during the investigation time and the controlled conditions, and the reasons for any differences. (2 marks)
- (o) A screenshot to show the file names and types of all of the files of researched material used, annotated to show any amendments and additions to your initial list (h). (2 marks)

(Total = 70 marks)

Examples of appropriate details to include in a bibliography are given on page 6 of this booklet.

The work that you hand in should be organised in an appropriate order and page numbered. You should put your name, centre number and candidate number on each page. The work should be kept securely together eg using treasury tags. Plastic wallets and ring binders must **not** be used. Each of the items (a)–(o) should be clearly identified. Hard copies of research materials such as brochures or web page printouts should **not** be included.

Make sure that printouts of screenshots are large enough and clear enough to be read by the examiner.

Turn over ►

3 The investigation time

The investigation time begins when you are handed this booklet. During the investigation time, you should carry out all the research, planning, designing and testing of designs needed for the assignment. Your research should ensure that the content of your web pages is accurate and up to date.

Your research may involve using resources such as:

- interviews with members of the audience
- books
- Internet websites
- CD-ROMs and/or DVDs
- newspapers and/or magazines
- television and/or radio programmes
- information leaflets
- documents.

You may also find it useful to look at examples of web pages and other information aimed at a similar audience.

You need to show what research you have carried out by including a bibliography of the sources you have used, including the level of detail as shown on page 6 of this booklet. You should also remember that in your web pages you must declare the sources and dates of all material used (including quotes, pictures and diagrams) that you have not produced yourself.

By the end of the investigation time you should have:

- produced in **hard copy format** (ie printed or handwritten on paper) the items (a)–(g) of *What you should hand in*. These must be included in your preparatory folder, which should be handed in to your teacher before the start of the controlled conditions.
- prepared all of the content that you wish to include in your web pages. This must be submitted to your teacher in **electronic format** before the start of the controlled conditions. **All text must be in plain text files without formatting (eg .txt files)**. Pictures, diagrams and other images can be stored individually in an appropriate electronic format. No other files or material should be included.

4 Preparatory folder

This folder should contain, in hard copy format, all of the items (a)–(g) which you should have completed before you start your work under controlled conditions and this *Candidate Booklet*.

If you find that between controlled sessions you need additional content for your web pages you may give this to your teacher in electronic format and ask for it to be made available in any remaining sessions.

All material in your preparatory folder and in the electronic files of content that you ask to have available to you in controlled sessions, must be checked by your teacher before you can use it in controlled sessions. At the end of each controlled session your teacher will collect in your preparatory folder and return it to you at the start of the next session.

5 The controlled conditions

'Controlled conditions' means 'examination conditions'. You **must** work independently and in silence.

During the 15 hours of controlled conditions, you will be using your preparatory folder and electronic files of content to produce the items listed in (h)–(o) of *What you should hand in*. Your teacher will tell you in advance when the 15 hours have been timetabled.

During the controlled conditions, you must **not**:

- communicate in any way with anyone except the invigilator
- access the Internet or any intranet
- have access to any material except your preparatory folder and electronic files of content
- take in textbooks or photocopies of parts of textbooks
- copy type
- have access to removable media such as CD-ROMS or USB memory sticks.

The work must be completed by the end of the 15 hours of controlled conditions. The work must be submitted on paper as the examiner will not look at work submitted on electronic media such as CD-ROMs or USB memory sticks.

Your final work for submission should consist of hard copy evidence of the items in (a)–(o) of *What you should hand in*.

Turn over for the bibliography guide

Turn over ►

Bibliography guide

This is a guide to the level of detail required for referencing within your bibliography.

Book reference:

Author(s), Year published, Title of book, Publisher, Page number(s)

Website reference:

Name of organisation, Name of document, URL of web page(s), Date accessed

Newspaper/magazine reference:

Author(s), Name of article, Name of newspaper/magazine, Date of publication, Page number(s)

Television/Radio reference:

Name of programme, Broadcaster eg name of radio station, Date and time of broadcast

Journal reference:

Author(s), Year, Title of journal, Publisher, Page number(s)

CD-ROM/DVD reference:

Title of CD-ROM/DVD, Name of article/section, Date of production, Production company

For each source, your bibliography should also include a description of:

- how this information has been used within your web pages
- how you have checked the validity of the source.

END OF CANDIDATE BOOKLET

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