

General Certificate of Education (A-level) Applied June 2012

Applied Information and Communication Technology

**IT01** 

(Specification 8751/8753/8756/8757/8759)

**Unit 1: ICT and Society** 

## **Final**

Mark Scheme

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation events which all examiners participate in and is the scheme which was used by them in this examination. The standardisation process ensures that the mark scheme covers the students' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for standardisation each examiner analyses a number of students' scripts: alternative answers not already covered by the mark scheme are discussed and legislated for. If, after the standardisation process, examiners encounter unusual answers which have not been raised they are required to refer these to the Principal Examiner.

It must be stressed that a mark scheme is a working document, in many cases further developed and expanded on the basis of students' reactions to a particular paper. Assumptions about future mark schemes on the basis of one year's document should be avoided; whilst the guiding principles of assessment remain constant, details will change, depending on the content of a particular examination paper.

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## Externally assessed work Examiner Mark Scheme June 2012

GCE Applied ICT (8751/3/6/9)

Unit 1: ICT and Society (IT01)

Centre name:	Centre no:			
Candidate name:	Candidate no:	: [		

	1 mark	2 marks	3 marks	Marks
Items (a) and (n) 3 marks	Basic time planning shown.	Both planned time/date and time/date actually spent are recorded.	Time plan clearly shows monitoring of, and differences from, original version, showing reasons for differences.	
marks				
Item (b) 3 marks	Candidate has stated some of the characteristics of the audience.	Candidate has stated how the characteristics of the audience has an affect on content <b>or</b> layout.	Candidate has demonstrated an understanding of the affect on the needs of the audience on content and layout.	
Item (c) 3 marks	Evaluation criteria produced for the newsletter.	Candidate has produced relevant evaluation criteria.	Candidate has produced evaluation criteria that are suitable for assessing appropriateness for purpose and audience.	
marks				
	Candidate has shown some evidence of a bibliography.	Candidate has used at least two different types of research sources.		
Item (d) 3 marks	Candidate has produced a bibliography that contains the detail as recommended in the Candidate Booklet.			
	l		Page 1 Total (12 max)	

	1 mark	2 marks	3 marks	Marks
Item (e) 3 marks	Candidate has produced annotated or labelled draft design(s)	Candidate has shown understanding of the target audience or purpose in their annotated draft design(s).	Candidate has clearly shown understanding of the target audience and purpose in their annotated draft design(s).	
marks				
Item (f) 2 marks	Some evidence of testing draft design(s).	Good evidence and understanding of how draft design(s) were tested for the target audience.		

	1 mark	2 marks	3 marks	4 marks	Marks
Item	Final design has been produced.	Final design shows a range of design features.	Final design produced that shows a range of design features and contains some detail.	Detailed final design produced that could be implemented by a competent third party and clearly shows a range of fully labelled design features.	
(g) 8 marks	Candidate has annotated the final design.	In the annotation of the final design the candidate justifies how some design features are appropriate for audience or purpose.	In the annotation of the final design the candidate justifies how some design features are appropriate for audience and purpose.	The annotation fully justifies how the layout and content of the design are appropriate for the audience and purpose.	
Page 2 Total (13 max)					

	1 mark	2 marks	3 marks	Marks
Item (h) 1 mark	Candidate has produced a screenshot(s) of all the files of researched material to be used under controlled conditions.			
Item (i)	Candidate has produced annotated screen shots/printouts of the newsletter showing the software facilities used.	Candidate has produced annotated screen shot(s)/printouts of the newsletter and has pointed out a number of software facilities.	Candidate has produced fully annotated screen shot(s)/printouts. Candidate has explained most of the software facilities used in the context of the newsletter.	
6				
marks	Candidate has shown some evidence of using software facilities.	Candidate has demonstrated a number of software facilities used and has related these to purpose and audience.	Candidate has shown a very clear understanding of why the software facilities are fit for purpose and audience.	
	Candidate has produced a series of screenshots displaying the newsletter.	Candidate has produced a series of annotated screen shots showing how the newsletter was built up or explaining how it was composed.	Candidate has produced a set of fully annotated screen shots, demonstrating clearly stages of composition and development.	
Item (j)				
6 marks	Candidate has produced some evidence of cross referencing newsletter content to their research.	Candidate has demonstrated how their research files have been used to produce the newsletter.	Candidate has fully matched what they have produced to their files of research. It is possible to see where all the content has come from.	
Page 3 Total (13 max)				

			Marks
Candidate has stated how I need. Candidate has shown mentioned a piece of releva are errors of spelling, punct reader's understanding and has used a form and style of purpose or audience. Ideas used in some text, but not a	n limited understanding of the ant legislation. Text may be difutation and grammar, which can may suggest a weakness in the function of writing and presentation geres are not well expressed. Sententially appropriately.	issues involved and/or has ificult to understand. There ause problems in the these areas. The candidate nerally not appropriate to its	
Candidate covers some particular needs and shows that they understand how ICT can be used and/or adapted for people with particular needs. Candidate has shown some understanding of the issues involved, and may have explained a piece of legislation. Text is understandable. There may be some errors of spelling, punctuation and grammar, but not such as to cause problems in the reader's understanding and not such as to suggest a weakness in these areas. Candidate has used a form and style of writing and presentation sometimes appropriate to its purpose and/or audience, but with many deficiencies. Candidate has expressed straightforward ideas clearly, if not always fluently. Sentences and paragraphs may not always be well-connected. Information or arguments may sometimes stray from the point or be weakly presented.			
Upper mid-mark range 11-15 Candidate covers a variety of particular needs and shows that they understand how ICT can be used and adapted for people with particular needs. Candidate has shown some understanding of the issues involved, and may have clearly or appropriately explained a piece of legislation. Text is understandable. There may be occasional errors of spelling, punctuation and grammar. Meaning is clear for a reader. Candidate has, in the main, used a form and style of writing and presentation appropriate for its purpose and audience, with occasional lapses. Candidate has expressed moderately complex ideas clearly and reasonably fluently. Candidate has used well-linked sentences and paragraphs. Information or arguments are generally relevant and well structured.			
High mark range 16-21 Candidate covers a variety of particular needs and shows that they fully understand how ICT can be used and adapted for people with particular needs. Candidate has shown a depth of understanding of the issues involved, and has clearly and appropriately explained a piece of legislation. Text is understandable. There are few, if any, errors of spelling, punctuation and grammar. Meaning is clear for a reader. Candidate has selected and used a form and style of writing and presentation appropriate to purpose and audience, and has expressed complex ideas clearly and fluently. Sentences and paragraphs follow on from one another clearly and coherently. Specialist vocabulary has been used appropriately, including appropriate technical terms that relate to ICT.			
-			
to some information/further information in their newsletter.	to the sources of most information on the newsletter.	to the sources of all information on the newsletter.	
		Page 4 Total (24max)	
	need. Candidate has shown mentioned a piece of releval are errors of spelling, punctive are errors of spelling, punctive are errors of spelling, punctive are used a form and style of purpose or audience. Ideas used in some text, but not a sused in some text, but not a legislation. Text is understanding of the legislation. Text is understate punctuation and grammar, understanding and not such has used a form and style of purpose and/or audience, but straightforward ideas clearly not always be well-connect the point or be weakly presuppose and adapt some understanding of the explained a piece of legislaterrors of spelling, punctuating Candidate covers a variety ICT can be used and adapt some understanding of the explained a piece of legislaterrors of spelling, punctuating Candidate has, in the main appropriate for its purpose expressed moderately comfused well-linked sentences relevant and well structured.  High mark range 16-21  Candidate covers a variety how ICT can be used and a shown a depth of understand appropriately explained a pif any, errors of spelling, purchadidate has selected and appropriate to purpose and fluently. Sentences and particular terms that relate to the some information/further information in their	Candidate has stated how ICT can be used by people wineed. Candidate has shown limited understanding of the mentioned a piece of relevant legislation. Text may be dit are errors of spelling, punctuation and grammar, which creader's understanding and may suggest a weakness in thas used a form and style of writing and presentation ger purpose or audience. Ideas are not well expressed. Sent used in some text, but not always appropriately.  Lower mid-mark range 5-10  Candidate covers some particular needs and shows that can be used and/or adapted for people with particular nesome understanding of the issues involved, and may have legislation. Text is understandable. There may be some punctuation and grammar, but not such as to cause probunderstanding and not such as to suggest a weakness in has used a form and style of writing and presentation sor purpose and/or audience, but with many deficiencies. Castraightforward ideas clearly, if not always fluently. Sentenot always be well-connected. Information or arguments the point or be weakly presented.  Upper mid-mark range 11-15  Candidate covers a variety of particular needs and shows ICT can be used and adapted for people with particular neone understanding of the issues involved, and may have explained a piece of legislation. Text is understandable. errors of spelling, punctuation and grammar. Meaning is Candidate has, in the main, used a form and style of writi appropriate for its purpose and audience, with occasional expressed moderately complex ideas clearly and reasonal used well-linked sentences and paragraphs. Information relevant and well structured.  High mark range 16-21  Candidate covers a variety of particular needs and shows how ICT can be used and adapted for people with particular needs and shows appropriately explained a piece of legislation. Text is undiffany, errors of spelling, punctuation and grammar. Mea Candidate has selected and used a form and style of writi appropriate to purpose and audience, and has expressed fluently. Sentences and paragra	Candidate has stated how ICT can be used by people with at least one particular need. Candidate has shown limited understanding of the issues involved and/or has mentioned a piece of relevant legislation. Text may be difficult to understand. There are errors of spelling, punctuation and grammar, which cause problems in the reader's understanding and may suggest a weakness in these areas. The candidate has used a form and style of writing and presentation generally not appropriate to its purpose or audience. Ideas are not well expressed. Sentences and paragraphs are used in some text, but not always appropriately.  Lower mid-mark range 5-10 Candidate covers some particular needs and shows that they understand how ICT can be used and/or adapted for people with particular needs. Candidate has shown some understanding of the issues involved, and may have explained a piece of legislation. Text is understandable. There may be some errors of spelling, punctuation and grammar, but not such as to cause problems in the reader's understanding and not such as to suggest a weakness in these areas. Candidate has used a form and style of writing and presentation sometimes appropriate to its purpose and/or audience, but with many deficiencies. Candidate has expressed straightforward ideas clearly, if not always fluently. Sentences and paragraphs may not always be well-connected. Information or arguments may sometimes stray from the point or be weakly presented.  Upper mid-mark range 11-15 Candidate covers a variety of particular needs and shows that they understand how ICT can be used and adapted for people with particular needs. Candidate has shown some understanding of the issues involved, and may have clearly or appropriately explained a piece of legislation. Text is understandable. There may be occasional errors of spelling, punctuation and grammar. Meaning is clear for a reader. Candidate has, in the main, used a form and style of writing and presentation appropriate to purpose and audience, with occasional lapses. Candid

Marks

	1 mark	2 marks	3 marks	
Item (I) 3 marks	Basic evaluation of how the newsletter produced is suitable for audience or purpose.	Clear evaluation showing how the newsletter produced is suitable for audience and purpose.	Comprehensive evaluation clearly demonstrating how the newsletter produced is suitable for audience and purpose. Reference made to original evaluation criteria (c).	
Item (m) 3 marks	Candidate has provided a basic evaluation of their performance or has shown how problems were overcome.	Evaluation produced including comment(s) on the candidate's performance and showing how problems were overcome. Appropriate reference made to screenshots.	Clear evaluation of their own performance produced including detailed explanation and clear evidence of problems overcome, referenced to screen shot(s) of development (j).	
Item (o) 2 marks	Candidate has produced a screenshot(s) of the files of researched material that they used during controlled conditions.	Candidate has produced an annotated screenshot(s) of the files of researched material that they used during controlled conditions, annotated to show amendments and additions to the initial list.		
			Page 5 Total (8 max)	

Page	Maximum mark	Mark awarded
1	12	
2	13	
3	13	
4	24	
5	8	
Total	70	

## The following standard abbreviations may be used:

NONE There is no evidence presented for this section

NA Not Appropriate – the information presented is not appropriate to the requirements of the task

NE Not Enough – although there is some evidence present it is insufficient to gain marks

BOD Benefit Of the Doubt