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General Certificate of Education

Applied Information and Communication Technology 8751, 8753, 8756, 8759

IT01 ICT and Society

Mark Scheme

2008 examination - June series

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 meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting 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 candidates' 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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Version 2.0

Externally assessed work
Examiner Mark Scheme
June 2008

GCE Applied ICT (8751/3/6/9)
Unit 1: ICT and Society (ITO1)

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 for either investigation time or controlled conditions.	Both planned time/date and time/date <u>actually</u> spent are recorded**.**	Time plan clearly shows monitoring of, and differences from, original version, showing reason for differences.	
Item (b) 3 marks	Candidate has stated or implied who the audience is and explained some of their characteristics.	Candidate has demonstrated a clear understanding of the **impact** of the needs of the audience on content or layout.	Candidate has demonstrated a full understanding of the impact of the needs of the audience on content and layout.	
Item (c) 3 marks	Basic evaluation criteria produced for the set of web pages.	*Appropriate* evaluation criteria demonstrating how they are assessing suitability for purpose and audience.	Clear *and appropriate* evaluation criteria given. The candidate has described how evaluation were arrived at.	
Item (d) 2 marks	Candidate has shown some evidence of a bibliography.	Candidate has used at least two different types of research sources.		
1 mark	Candidate has produced a bibliography that contains the detail as recommended in the Candidate Booklet.			
			Page 1 Total (12 max)	

	1 mark	2 marks	3 marks	Marks
Item (e) 3 marks	Candidate has produced draft design(s).	Candidate has produced an <u>annotated</u> draft design(s).	Candidate has clearly shown understanding of the target audience in their annotated draft design(s)	
Item (f) 2 marks	Some evidence of testing draft designs.	Good evidence and understanding of how draft designs were tested.		

	1 mark	2 marks	3 marks	4 marks	Marks
Item (g) 8 marks	Final design has been produced but could not be implemented by third party e.g. limited use of fonts with no designation; no sizes or scale.	Final design shows a **range** of design features **or** measurements but could not be implemented by third party.	Final design produced that uses a range of design features and their layout **and** includes most measurements and font properties	Detailed final design given for the set of pages that could be easily implemented by third party	
	Candidate has annotated the final design.	In the annotation of the final design the candidate explains why some features have been used.	The annotation of the final design explains why all features have been used e.g. correct font for clear text.	Design work is complete and well explained. Features of the set of pages should be explained/accounted for	
				Page 2 Total (13 max)	

	1 mark	2 marks	3 marks	Marks
Item (h) 1 marks	Candidate has produced a screenshot(s) of all the files of researched material to be used under controlled conditions.			
Item (i) 6 marks	Candidate has produced annotated screen shots/printouts of the set of web pages	Candidate has produced annotated screen shot(s)/printouts of the web pages and has pointed out a number of facilities**.**	Candidate has produced fully annotated screen shot(s)/printouts and has explained *most of* the facilities *used* in the context of the web pages.	
	Candidate has shown *some* evidence of *using* software facilities.	Candidate has demonstrated a number of software facilities, and related these to purpose and audience.	Candidate has shown a very clear understanding of why the facilities are fit for purpose and audience	
Item (j) 6 marks	Candidate has used screen shot(s) that illustrate the composition of their pages	Candidate has produced a series of annotated screen shots showing how their work was built up/ describing how their work was composed.	Candidate has produced a set of fully annotated screen shots, clearly explaining stages of composition and development.	
	Candidate has produced *some* evidence of cross referencing web page content to their research.	Candidate has demonstrated how their research files have been used to produce their finished work	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)				

(k)	1 mark	2 marks	3 marks	Marks
Legislation (3 marks)	Candidate has described an ICT law	Candidate has described the ICT Law in the context of the scenario	Candidate explains the implications of the ICT Law for the target audience	
	Candidate has named and described an ICT example	Example includes some benefit(s) and/or drawback(s) of using ICT in that area	Example explains some benefit(s) and/or drawback(s) for the target audience	
Waste reduction (3 marks)				
Refuse collection (3 marks)				
Energy usage (3 marks)				
Pollution (3 marks)				
Conservation (3 marks)				
Public transport (3 marks)				
(3 marks)	Reference made to some information/further information in their web pages	Reference made to the sources of most information on the web pages	Reference made to the sources of all information on the web pages	
			Page 4 Total (24 max)	

	1 mark	2 marks	3 marks	
Item (l) 3 marks	Basic evaluation produced of how web pages are suitable for audience.	Clear evaluation produced showing why web pages are suitable for audience. Reference made to original evaluation criteria.	Comprehensive evaluation produced clearly demonstrating how the web pages are suitable for audience **and purpose**.	
Item (m) 3 marks	Basic evaluation of candidate performance or evaluation explains how problems were overcome.	Evaluation produced including comment(s) on the candidate's performance and how problems were overcome.	Clear and complete evaluation giving detailed explanation and clear evidence of problems overcome, referenced to screen shots of development.	
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	