



## **General Certificate of Education**

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

**IT01            ICT and Society**

## **Mark Scheme**

*2008 examination - January 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.

Further copies of this Mark Scheme are available to download from the AQA Website: [www.aqa.org.uk](http://www.aqa.org.uk)

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## Unit 1: ICT and Society (IT01)

	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 <b>differences</b> from, original version, showing reason for <b>differences</b> .	
Item (b) 3 marks	Candidate has <b>stated or implied</b> who the audience is and explained some of their characteristics.	Candidate has demonstrated a clear understanding of the <b>impact</b> 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.	<b>Appropriate</b> evaluation criteria demonstrating how they are assessing suitability for purpose and audience.	Clear <b>and appropriate</b> evaluation criteria given. The candidate has described how criteria 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 <b>annotated</b> draft design(s).	Candidate has clearly shown understanding of the target audience in their annotated draft design(s) e.g. fonts/style, clear layout, images to enhance text.	
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 <b>and/or measurements</b> but could not be implemented by third party. E.g. bullet points, tables, margins but no designation.	Final design produced <b>that uses a range of</b> design features <b>and includes most measurements and font properties</b>	Detailed final design produced that could be easily implemented by third party and clearly shows a range of fully labelled design features e.g. layout, margins, borders, tables all fully explained. Must give numerical values where appropriate. Shows how images and captions are positioned.	
	Candidate has annotated the final design.	In the annotation of the final design the candidate explains why <b>some</b> features have been used.	The annotation of the final design explains why <b>all</b> features have been used e.g. correct font for clear text.	<b>Design work is complete and well explained. Features of all pages should be explained/ accounted for.</b>	
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) 6 marks	Candidate has produced a screen shot/printouts of a set of web pages	Candidate has produced annotated screen shot(s)/printouts of the web pages and has pointed out a number of features.	Candidate has produced fully annotated screen shot(s)/printouts including fonts, margins, page size, styles etc. Candidate has explained <b>most of</b> the features <b>used</b> in the context of the web pages.	
	Candidate has shown <b>some</b> evidence of <b>using</b> software features e.g. changed fonts, hyperlinks etc.	Candidate has demonstrated a number of software features, and related these to purpose and audience.	Candidate has shown a very clear understanding of why the features are fit for purpose and audience e.g. colours, numbered bullets for hierarchy.	
Item (j) 6 marks	Candidate has produced a series of screen shots displaying their work.	Candidate has produced a series of annotated screen shots showing how their work was <b>built up/ explaining how their work was composed.</b>	Candidate has produced a set of fully annotated screen shots, demonstrating clearly stages of composition and <b>development after first creation.</b>	
	Candidate has produced <b>some</b> evidence of cross referencing web page content to their research <b>files.</b>	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 material. It is possible to see where all the content has come from.	
Page 3 Total (13 max)				

	1 mark	2 marks	3 marks	Marks
(k) (up to 24 marks)	Candidate has named and described <b>an ICT and plausible</b> example	Example includes some benefit(s) and/or drawback(s) for the target audience <del>and is factually correct.</del>	Example explains some benefit(s) and/or drawback(s) for the target audience	
Legislation (3 marks)				
Medical centres (3 marks)				
Emergency services (3 marks)				
Medical diagnosis (3 marks)				
Health advisory services (3 marks)				
Training of medical staff (3 marks)				
Medical research (3 marks)				
(3 marks)	A reader can see reference to <b>some</b> information/further information in their web pages	A reader can see reference to the sources of <b>most</b> information on the web pages	A reader can see reference to the sources of <b>all</b> information on the web pages	
Page 4 Total (24 max)				

	1 mark	2 marks	3 marks	Marks
Item (l) 3 marks	<b>Basic</b> evaluation produced of how web pages are suitable for audience e.g. non-technical language used.	Clear evaluation produced showing why web pages are suitable for audience <b>and</b> purpose.	<b>Comprehensive</b> evaluation produced clearly demonstrating how the web pages are suitable for audience and purpose. Reference made to original evaluation criteria.	
Item (m) 3 marks	Basic evaluation of candidate performance e.g. too much time on ____; used text book for ____, <b>or explaining how problems were overcome</b>	Evaluation produced <b>including comment(s) on the candidate's performance and</b> showing how problems were overcome. Appropriate reference made to screen shots (of development)	Clear and complete evaluation giving detailed explanation and clear evidence of problems overcome, all referenced to screen shots of development e.g. time allocation, changing text or design to fit purpose.	
Item (o) 2 marks	Candidate has produced a screenshot(s) of the files of <b>researched material</b> 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 <b>of research material</b> .		
Page 5 Total (8 max)				

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