AQA

ASSESSMENT and
QUALIFICATIONS
ALLIANCE

General Certificate of Education

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

IT01 ICT and Society

Mark Scheme

2006 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.

Unit 1: ICT and Society (IT01)

Assessment Objective 1 (AO1)**:** Practical capability in applying ICT (up to 18 marks)

	1 mark	2 marks	3 marks	Marks
Item (i) 6 marks	Candidate has produced a screen shot of template*(s).*	Candidate has produced annotated screen shot(s) of template *and has pointed out a number of features.*	Candidate has produced fully annotated screen shot(s) including fonts, margins, page size, styles etc. Candidate has explained *most of* the features *used* in the context of the newsletter.	
	Candidate has shown *some* evidence of us*ing* software features e.g. changed fonts 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.	
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 *built up*.	Candidate has produced a set of fully annotated screen shots, demonstrating clearly stages of composition and development.	
	Candidate has produced *some* evidence of cross referenc*ing newsletter content* to research files.	Candidate has demonstrated how their research has been applied to their finished work	Candidate has fully matched what they have produced to their *research* work. It is possible to see where all the content has come from.	
Item (d) 3 marks	Candidate has shown some evidence of a bibliography.	Candidate has produced a properly constructed bibliography *(as shown in Candidate booklet)*.	Candidate has produced a bibliography constructed as recommended in the Candidate Booklet showing a <u>wide range</u> of resources used.	

	1 mark	2 marks	3 marks	Marks
Item (h) 1 marks	Candidate has produced a listing of all the files to be used under controlled conditions.			
Item (o) 2 marks	Candidate has produced a list of the files of researched material they use*d* during controlled conditions.	Candidate has produced an annotated list of the files of researched material they use*d* during controlled conditions, annotated to show amendments and additions to the initial list.		

Assessment Objective 2 (AO2): Knowledge and understanding of ICT systems and their roles in organisations and society (up to 24 marks)

	1 mark	2 marks	3 marks	4 marks	Marks
(k)	Candidate has *named and* described an example.	Example is factually correct.	Example clearly shows some benefit(s) and/or drawback(s) for the target audience.	Example clearly shows some benefit(s) and/or drawback(s) for the target audience, *cross referenced to* research.	
Legislation 1 (4 marks)					
Legislation 2 (4 marks)					
E.g. 1 (4 marks)					
E.g. 2 (4 marks)					

E.g. 3 (4 marks)				
Impairment (4 marks)				

Assessment Objective 3 (AO3): Apply knowledge and understanding to produce solutions to ICT problems (up to 14 marks)

	1 mark	2 marks	3 marks	4 marks	Marks
Item (b) 3 marks	Candidate has <u>stated</u> 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 (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 (g) 8 marks	Final design has been produced but could not be implemented by third party.	Final design shows a range of design features but could not be implemented by third party.	*Final design produced that could be implemented by third party but uses few design features e.g. adequate descriptions of few design features used.*	*Detailed final design produced that could be easily implemented by third party and clearly shows a range of fully explained design features.*	

	1 mark	2 marks	3 marks	4 marks	Marks
	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.	The fully annotated final design clearly demonstrates range of features and suitability for audience and purpose. Should include – text enhancement or change, image manipulation (e.g. resize), table or layout, margins, tabs, effective whitespace use.	

Assessment Objective 4 (AO4): Evaluate ICT solutions and own performance (up to 14 marks)

	1 mark	2 marks	3 marks	
Items (a) and (n) 3 marks	Basic time plan*ning shown*.	*Planning shows times* <u>*actually*</u> *spent.*	Time plan clearly shows monitoring of, and amendments to, original version, show*ing* reason for amendments.	
Item (m) 3 marks	Basic evaluation of candidate performance e.g. too much time on ____; used text book for ____.	Evaluation produced 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.	
Item (l) 3 marks	Basic evaluation produced of how newsletter is suitable for audience.	Clear evaluation produced showing why newsletter is suitable for audience and purpose.	Comprehensive evaluation produced clearly demonstrating how the newsletter is suitable for audience and purpose. Reference made to original evaluation criteria.	

	1 mark	2 marks	3 marks	
Item (c) 3 marks	Basic evaluation criteria produced for the newsletter.	*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 (f) 2 marks	Some evidence of testing draft designs.	Good evidence and understanding of how draft designs were tested.		

Assessment objective	Maximum mark	Mark awarded
AO1	18	
AO2	24	
AO3	14	
AO4	14	
Total	70	