

ADVANCED SUBSIDIARY (AS) General Certificate of Education January 2009

Ce	Centre Number					
71						
Can	didate Number					

Information and Communication Technology

Assessment Unit AS 1

assessing

Module 1: Fundamentals of Information and Communication Technology

[ASW11]



MONDAY 12 JANUARY, AFTERNOON

TIME

1 hour 30 minutes.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.

Write your answers in the spaces provided in this question paper. Answer **all seven** questions.

INFORMATION FOR CANDIDATES

The total mark for this paper is 90, including a maximum of 4 marks for quality of written communication.

Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

For Examiner's use only					
Question Number	Marks				
1					
2					
3					
4					
5					
6					
7					
QWC					

Total Marks	

Answer all seven questions

Examin	er Only
Marks	Remark

_			_		_	
1	A hotel	guest must	complete a	registration	form on	arrival.

Registration details are keyed into a database.

(a) The database is used to produce a mailing list.

Describe two reasons why the mailing list might be incorrect.

1. _____

[2]

2. _____

[2]

(b) Explain what is meant by each of the following in this case.

(i) A direct data source

_____[3]

(ii) An indirect data source

_____[3]

Ide		
1.	Cost	
	Explanation	
	[2]	
2		
2.	Cost	
	Explanation	
	[2]	
3.	Cost	
	Explanation	
	[2]	
fig	e information system produces a graph showing monthly sales ures. scribe three reasons why this information might be of poor quality.	
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	company wishe out the world.		C			Marks
	e benefits of usi	ing e-mail to a	arrange the m	eeting.		
					[2]	
2						
					[2]	
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	e benefits of usi	ing videoconfe	erencing to ho	ld the		
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meeting. 1 2					[2] 	

A s	chool	l uses ICT software to monitor student attendance.	Examiner Only
(a)		cribe two activities for which the spreadsheet component would he most suitable.	Marks Remark
	1.		
		[2]	
	2.		
		[2]	
(b)		cribe two activities for which the database component would be most suitable.	
	1.		
		[2]	
	2.		
		[2]	
		<u></u>	
(c)		cribe two activities for which the wordprocessing component lld be the most suitable.	
	1.		
		[2]	
	2.		
		[2]	

A h	ealt	h centre uses an information system.	Examiner Only Marks Remark
(a)		ntify the two main software components you would expect to find his system and describe how each would be used.	
	1.	Component	_
		Use	_
			_
			[3]
	2.	Component	_
		Use	_
			_
			[3]
(b)		scribe one way in which patients' information could be protected in intentional misuse.	
			_
			_
			_
			[3]
(c)		scribe one way in which patients' information could be protected in unintentional misuse.	
			_
			_
			31

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(Questions continue overleaf)

-	nas its own wel	o site.				Examin	
Describe	three henefits	to the books	nop of using a v	veh site		Marks	Rem
1							
					[2]		
2							
2.							
					[2]		
					[2]		
3							
							
					[2]		
			ook using the v				
					[2]		
Describe	how the books						
Describe							
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Describe							
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Describe					[2]		
Describe					[2]		
Describe					[2]		
Describe					[2]		

ribe how the bookshop could use an intranet.		Examin Marks
	[3]	

(d)

(a) Identify three activities which take place during implementation . 1	
1	
2	
3[3]	
(b) Identify three activities which take place during maintenance.	
1	
2	
3[3]	

Ide	entify and describe two other stages of system development.	Examiner Marks R	Only
1.	Stage		coman
	Description		
		_[4]	
2.	Stage		
	Description		
		Quality of V	

THIS IS THE END OF THE QUESTION PAPER

(c)