

General Certificate of Secondary Education 2013

Information and Communication Technology (Full Course)

Unit 3: Understanding ICT Systems in Everyday Use and its Implications for Individuals, Organisations, Society and the Wider World [GIT31] THURSDAY 6 JUNE, MORNING

GIT31

TIME

2 hours.

INSTRUCTIONS TO CANDIDATES

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

You must answer the questions in the spaces provided. Do not write outside the box, around each page or on blank pages.

Complete in blue or black ink only. **Do not write in pencil or with a gel pen.** Answer **all twenty-one** questions.

INFORMATION FOR CANDIDATES

The total mark for this paper is 180. Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question. Quality of written communication will be assessed in questions **3(c)(ii)**, **5(a)**, **7(a)**, **9(c)**, **13(b)**, **14(b)** and **20(a)**.

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	' que vide		n 1 parts (a)–(I) insert the appropriate	letter in the space	Examiner Only Marks Remark	
1	(a)	ΑV	/AN is:			
		Α	A World Area Network			
		В	A Wide Applications Network			
		С	A Wide Area Network			
		D	A World Applications Network			
				Answer	[1]	
	(b)	RS	l is:			
		Α	Repetitive Strain Injury			
		В	Repetitive Serious Injury			
		С	Realtime Strain Injury			
		D	Realtime Serious Injury			
				Answer	[1]	
	(c)	The	e law designed to protect against software	e copying is:		
		Α	The Copyright, Designs and Software A	ct		
		в	The Copyright, Designs and Patents Act	:		
		С	The Copyright, Data and Patents Act			
		D	The Computer, Data and Software Act			
				Answer	[1]	
	(d)	AD	SL is:			
		Α	Asymmetric Data Subscriber Line			
		в	Asymmetric Digital Sensor Line			
		С	Asymmetric Digital Subscriber Line			
		D	Asymmetric Data Sensor Line			
				Answer	[1]	
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0100						-

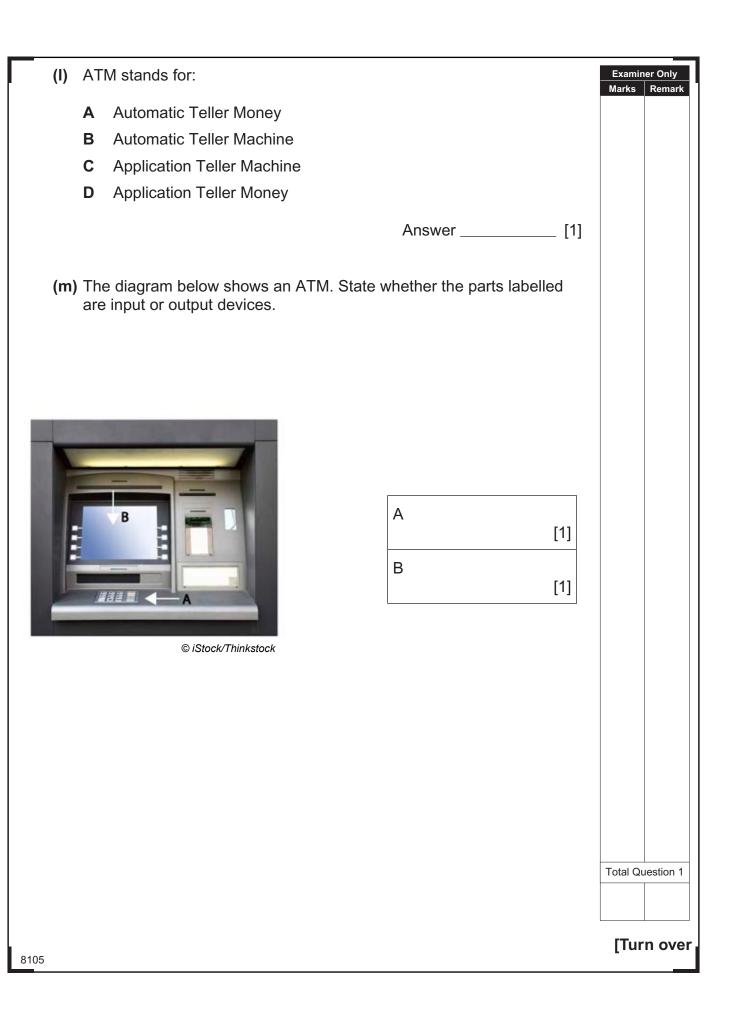
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	(e)	Fou	ur main features of a GUI are:	Examiner O Marks Re	nly mark
		Α	Windows, Icons, Applications, Menus		
		в	Icons, Menus, Pointers, Windows		
		С	Software, Icons, Applications, Menus		
		D	Menus, Icons, Pointers, Software		
			Answer [1]		
	(f)	Wh	ich statement is true about ROM?		
		Α	ROM can be written to but not read from.		
		В	ROM holds the programs currently being used by the computer system.		
		С	ROM can be read from but not written to.		
		D	Programs stored in ROM can be updated.		
			Answer [1]		
	(g)	Wh	ich statement is true about RAM?		
		Α	RAM is non-volatile and the amount of RAM in a computer cannot affect its performance.		
		В	RAM is non-volatile and the amount of RAM in a computer can affect its performance.		
		С	RAM is volatile and the amount of RAM in a computer cannot affect its performance.		
		D	RAM is volatile and the amount of RAM in a computer can affect its performance.		
			Answer [1]		
	(h)	A t	emplate is:		
		Α	a program which helps the user to complete a task		
		В	a standard layout for a document which can be reused		
		С	a program which protects the computer against viruses		
		D	a document which has been merged with a database		
			Answer [1]		
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	Sel	ect the statement which is true about a LAN.
	Α	A LAN is a Logical Area Network, allows peripherals to be shared and has a file server for storing software.
	В	A LAN is a Local Area Network, allows data to be shared across the Internet and has a file server for storing software.
	С	A LAN is a Local Area Network, allows peripherals to be shared and allows users to share data.
	D	A LAN is a Logical Area Network, allows data to be shared and has a file server for storing software.
		Answer [1]
(j)	Sel	ect the statement which is true about a fax machine.
	Α	It must be switched on to receive faxes and can transmit hand written documents.
	В	It does not need to be switched on to receive faxes and can transmit hand written documents.
	С	It must be switched on to receive faxes and cannot transmit handwritten documents.
	D	It cannot transmit handwritten documents and information received can be edited electronically.
		Answer [1]
(k)	Sel	ect the statement which is true about EFTPOS.
	Α	It provides itemised receipts but does not allow payments to be processed.
	В	It allows barcodes to be scanned but does not allow payments to be processed.
	С	It provides itemised receipts but does not allow barcodes to be scanned.
	D	It provides itemised receipts and allows payments to be processed.





2 Joanne has created a spreadsheet to calculate the bonus due to each of her employees. Below is a section of the spreadsheet.

	Α	В	С		D		Е	F		G		Н	I
1		Holiday Bonus Calculator - Joanne's Jewellery											
2	Forename Surname Hours Pay Per Hour		Pay	Total before Bonus		Bonus	_	onus mount	E	Total Earned	Taxable		
3	Anne	Dellby	20	£	10.00	£	200.00	10%	£	20.00	£	220.00	Yes
4	Jack	Beale	8	£	6.00	£	48.00	5%	£	2.40	£	50.40	No
5	Alex	Bowen	30	£	10.00	£	300.00	10%	£	30.00	£	330.00	Yes
6	Ewan	Rawdon	15	£	8.00	£	120.00	10%	£	12.00	£	132.00	Yes
7	John	Mahon	17	£	9.00	£	153.00	10%	£	15.30	£	168.30	Yes
8	Marc	Smyth	10	£	7.00	£	70.00	5%	£	3.50	£	73.50	No
9			100			£	891.00		£	83.20	£	974.20	
10													
11													
12	Higher Bonus Rate	10%											
13	Lower Bonus Rate	5%											
14													
15	Tax Boundary	£100.00											

(a) Write down the formula you would expect to find in cell H9.

[1]

Examiner Only

Marks Remark

(b) If an employee's Total Earned is more than £100.00, they must pay tax. Tick (✓) one formula which you would expect to find in cell I3.

Formula	Tick (✓)
=IF(H3>100,"Yes", "No")	
=IF(H3<100,"Yes", "No")	
=IF(H3=100, "No", "Yes")	

[1]

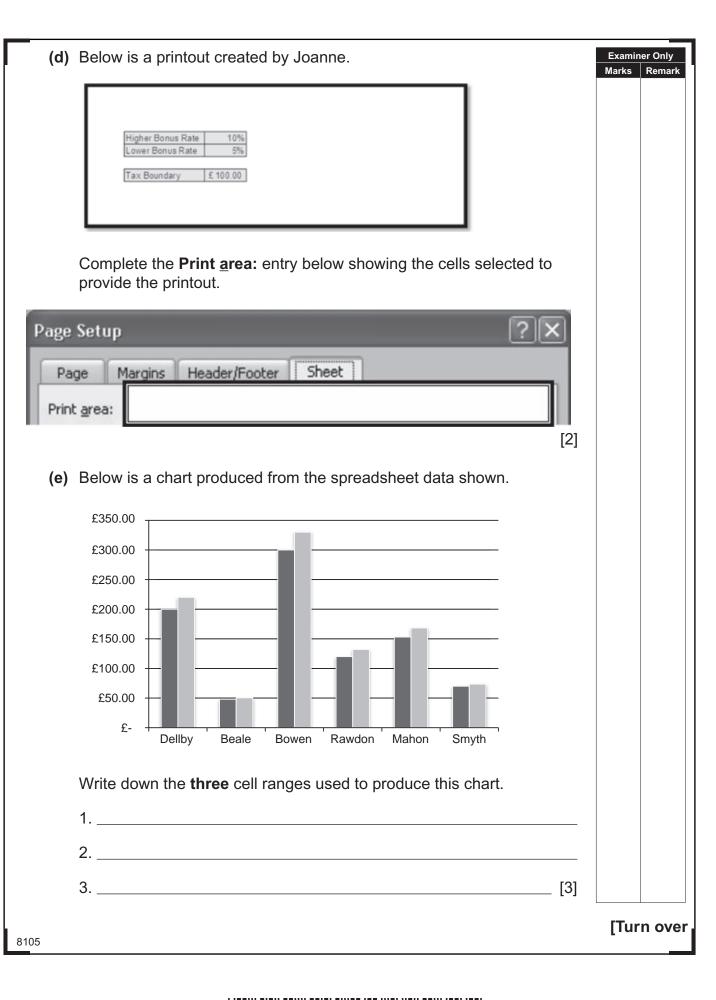
(c) Absolute cell references have been used in the following formula:

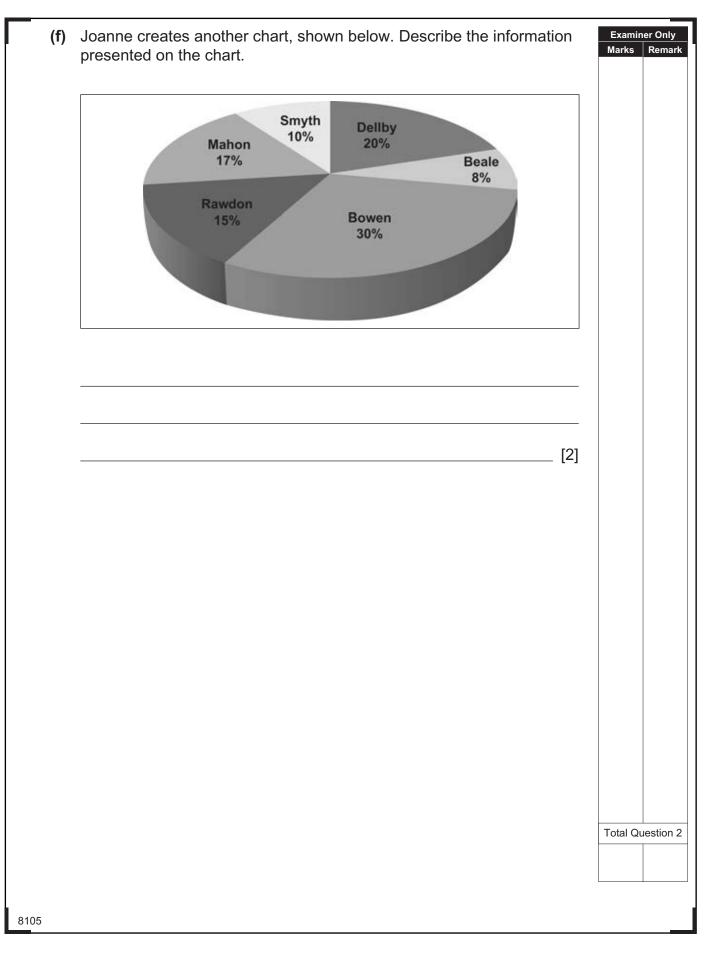
=IF(C3>10,\$B\$12,\$B\$13)

What is the advantage of using an absolute cell reference in any formula?

____ [2]

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3			orm create digital and painted images of Northern Ireland pes. The company has its biggest client in the United States.	Examin Marks	er Only Remark
	(a)		ents in the United States wish to meet the artists, so JK Artform re proposed using video conferencing for this purpose.		
		(i)	What is video conferencing?		
			[1]		
		(ii)	What advice would you give to the company about the bandwidth required for video conferencing?		
			[2]		
	The env	con	npany director is concerned about the impact of ICT on the ment.		
	(b)	Des	scribe one way in which video conferencing can help reduce this.		
			[2]		
				ITur	n over
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- (c) The director of JK Artform has decided to employ a number of teleworkers.
 - (i) The statements below are about teleworking. Write **TRUE** or **FALSE** beside each. The first one has been done for you.

Statement	TRUE/FALSE
Teleworking is the use of the telephone to make sales to customers.	FALSE
Teleworking allows employees to work flexible hours.	[1]
Teleworker activity is more difficult for managers to monitor.	[1]
Teleworking allows for a lot of face-to-face contact between workers.	[1]

- (ii) Describe how the use of teleworkers will impact on the company in terms of:
 - Recruiting employees
 - Training employees
 - Expenses and costs

Recruiting employees _

Training employees _____

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Examiner Only Marks Remark

Expenses and costs	Ma	rks Rer
	Tot	al Questio
		Turn c

4 (a)	SM Estates have bought new co Using the terms provided, comp explain the function of network of (Each selected term should be	lete the foll components	owing para to employ	graph which will	Examin Marks	er On Rem
	Network Interface Card	R	outer	Cable		
	Switch	LAN	WAN			
	A network which is used within a	a building is	called a			
	E	Each comp	uter on the	network should		
	have a		instal	led to allow the		
	computer to send messages on	the networ	k. A			
	is a single connection point for a	a group of c	omputers a	ind is connected		
	to the file server. The		wi	ll share the		
	Internet connection between cor	mputers on	the networ	k. [4]		
(b)	The company manager has aske What is a network protocol?	ed about th	e protocol d	on the network.		
				[1]		
					Total Qu	estior

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C D



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(Questions continue overleaf)

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[Turn over



5 (a)	The Data Protection Act is designed to protect an individual's personal data. Describe two different principles of the Data Protection Act and explain what a company should do to follow each of the principles you have chosen.	Exami Marks	ner Only Remark
	Principle 1:		
	Explanation 1:		
	Principle 2:		
	Explanation 2:		
	[6]		
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	Tick (✓)	
The Data Subject is the person who is responsible for the security of data.		
The Data Subject is the person about whom the data is held.		
The Information Commissioner is the person responsible for recording data in an organisation.		
The Information Commissioner is the person responsible for making sure companies follow the Data Protection Act.		
	[2]	

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6 GoMusic is a small business which provides professional music tutoring. People register using an online form. The following rules apply:

- People must enter their surname onto the form.
- People must be aged 10–18.
- People can set up a member's account. If they do, they must select a
 password of at least eight characters.
- People may enter a budget for tutoring but it must be in pounds, e.g. £15.00.

Tick (\checkmark) **one** validation check for each item of data and give a reason for each choice in the space provided.

Data	Validation Check		Reason for choice			
(a) Surname	 Presence check Range check Length check Type check 	[1]	[1]			
(b) Budget	 Presence check Range check Length check Type check 	[1]	[1]			
(c) Age	 Presence check Range check Length check Type check 	[1]	[1]			
(d) Password	 Presence check Range check Length check Type check 	[1]	[1]	Tot	al Que	estion 6
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Examiner Only

Marks Remark

7	(a)	acti	nputer gaming has become an extremely popular entertainmer vity. Outline the current trends in computer gaming under the owing headings:	nt	Examin Marks	ner Only Remark
		•	Online gaming Games consoles			
		Onl	ine gaming:			
		Gar	nes consoles:			
				_ [6]		
	(b)	Joh	n is developing a game for his GCSE coursework.			
		(i)	He must produce a storyboard. What is the purpose of a			
			storyboard when developing a game?			
		(ii)	List two game elements which John could use in his game.			
			1		Total Q	uestion 7
			2	_ [2]		
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OM	IR is	a form of entering data into a computer.		Examin Marks	er Only Rema
(a)	Exp	and the acronym OMR.			
			_ [1]		
(b)	List	two advantages of using OMR for entering data.			
	1				
	2		_ [2]		
(c)		permarket checkout operators scan barcodes on products to duce customer bills.			
	(i)	List two items of data held on the barcode.			
		1			
		2	_ [2]		
	(ii)	State one reason why the barcode may not scan properly.			
				Total Qu	lestio
5					

D

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	Circle two advantages that online shopping has brought to the customer.		
	No emises quired 24/7 shopping Fewer staff required Larger range of shops Goods are received immediately		
		[2]	
(b)	der to shop online customers can use their Credit or Debit Card. List two pieces of data they will have to enter from their card when purchasing goods online.		
	1 2		
(c)	Explain how the following help ensure that customer details are processed securely when shopping online.		
	Encryption SET		
	Encryption		
	Encryption		
	Encryption		Ques

3

10 Lucy is creating a database for her school project.

(a) Below is a section from the **Customer** table.

Name	House number	Street	Town/C	City Postcode			
Mr Joe Watson	1	High Street	Belfas	st BT4 6TD			
Mr Jim Donald	31	Mary Street	Newr	y BT24 6TL			
Miss Amy White	52	West Street	Armag	gh BT62 8TY			
Ms Caitlin Rooney	2a	Church Walk	Lisbur	n BT18 5FG			
 (i) Shade one record in the table above. [1] (ii) List one field name used in the table above. [1] (b) Explain how Lucy could change the Name field in this table to assist her when searching for customers. 							
	arching for c	tabase package		[2			
her when sea (c) List two featu produce print	arching for c ures of a da ted informat	tabase package	which cou	[2			
her when sea (c) List two featu produce print 1	ures of a da ted informat	tabase package	which cou	[2			
her when sea (c) List two featu produce print 1	ures of a da ted informat	tabase package	which cou	[2 uld help Lucy to			
her when sea	ures of a da ted informat	tabase package ion. ary key in the V	which cou	[2 uld help Lucy to			
her when sea (c) List two feature produce print 1 2 Lucy needs to inc	ures of a da ted informat	tabase package ion. ary key in the V	which cou	[2 uld help Lucy to [2 below.			
her when sea	arching for c ures of a da ted informat	tabase package ion. ary key in the V Genre F	which cou ideo table Rating	[2 Juld help Lucy to [2 below. Number in stock			
her when sea	arching for c ures of a da ted informat	tabase package ion. ary key in the V Genre F Musical	which cou ideo table Rating U	[2 uld help Lucy to [2 below. [2 Number in stock 4			

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Examiner Only Marks Remark

(d) What is a primary key?

Examiner Only Marks Remark

_____ [1]

(e) The table below is a sample of data taken from the **Rental** table.

Rental No	Video ID	Member ID	Date Borrowed	Days Rented	Price per night
01	COM01	WAL01	20/05/2013	3	£3.50
02	CLA06	SMI01	20/05/2013	2	£3.00
02	MUS09	SMI01	20/05/2013	2	£4.00
03	THR11	BES02	24/05/2013	2	£3.50
04	DRA05	CLA05	26/05/2013	3	£3.00

(i) Suggest data types for the following fields in the **Rental** table.

Field Name	Data Type
Rental No	
Member ID	
Price per night	

[3]

- (ii) Lucy is going to set up relationships in the database. What is the function of a relationship in a database structure?
 - _____ [1]

Total Question 10

[Turn over

8105

30

	Storage	Device	Ca	apacity	
	USB Mem	ory Stick	2 0	Sigabyte	
	External H	ard Drive	1 T	erabyte	
	CD	-R	650	Megabyte	
(i)	Complete the devices in ord			the name of th est first.	ne storage
ank		St	orage Dev	/ice	
1.				(larg	est capacity
2.					
2. 3.				(small	est capacity
3. (ii)	State whether media.	each storage		optical, magne Type of med	tic or flash ia (optical,
3. (ii) Storag	media. e Device	Capaci	ity	optical, magne	tic or flash ia (optical,
3. (ii) Storag	media.	-	i ty yte	optical, magne Type of med	tic or flash ia (optical,
3. (ii) Storag USB Me External	media. e Device mory Stick	Capaci 2 Gigab	i ty yte yte	optical, magne Type of med	tic or flash ia (optical,

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	Statement	Tick (✓)	
	Both DVD-R and DVD-RW are read only.		
	DVD-R can be written to only once.		
	DVD-RW can be written to many times.		
	Both DVD-R and DVD-RW can be written to only once.		
		[2]	
			_
			Тс
05			
IJ			

[Turn over

12	Joanne is	looking f	or hotels	in Benidorm	on Spain's	Costa Blanca.

(a) Tick (✓) one search criteria which is best for helping Joanne locate hotels in Benidorm.

Search Criteria	Tick (✓)
"Spanish holidays"	
Spanish Holidays + Hotels	
Costa Blanca + Benidorm	
Costa Blanca + Benidorm + Hotels	
Costa Blanca + Benidorm + Apartments not Hotels	

(b) Joanne's search returns 500 relevant results. She needs to reduce this. How can she do it?

Г	1	1
L	- 1	

[1]

Examiner Only Marks Remark

Web addresses contain domain names.

(c) Place the following top level domains in the correct box. The first one has been completed for you.

Domain	Top level Domains		
GOVERNMENT	.gov		
ORGANISATIONS			
COMMERCIAL ORGANISATIONS]	
SCHOOL or COLLEGE		Total Qu	estion 12
	[3]	i	

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HOT SPOTS HYPEF	RLINKS HTML HTTP	
Ferm	Definition	
	Included on web pages to allow users to navigate from one web page to another.	
	An area on a graphic which can be used to navigate from one page to another.	
	The language used to create web pages.	
	[3]	
(b) How can the following	g contribute to good website design?	
Image compressNavigationMultimedia	ion	
Image compression		
Navigation		
Multimedia		
		Total Q

3

14 Liz wants her friend to make a multimedia presentation to advertise her Examiner Only Marks Remark high school musical "South Pacific" to parents at the Open Evening. She wants parents to be able to select their own pathway through the presentation, so Liz creates this navigation plan to show how slides should be linked. **Title Slide** Menu The Story Cast Crew Dates (a) In the table below, place a tick (\checkmark) beside two presentation tools that would allow users to select different pathways through Liz's presentation. Tick (✓) Tool Timings **Buttons Hyperlinks** Master slide Templates [2] 8105

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	Menu Slide
Graphic Production and School	Menu Link Link Link Link Link
South Pacific	lides for the start of Liz's multimedia Menu The Story © <i>iStock/Thinkstock</i> The Cast © <i>BananaStock/Thinkstock</i> The Music © <i>iStock/Thinkstock</i>

(b)	Identify three elements of the completed presentation Liz could test and say how she would carry out each test.		
	Test 1		
	Test 2		
	Test 3		
	[6]		
		Total Qu	⊥ iestic

Input, Processing and Output activities are used to control water heating Examiner Only 15 Marks Remark systems in the home. (a) Complete the table below to show which activity represents Input, Processing and Output in a water heating system. (Each term can only be used once.) Activity Input/Processing/Output Temperature is compared to a range of values Heating system turns ON/OFF Temperature is read using sensors [3] (b) Examine the words below. Place a **circle** around the **two** types of sensors that are used in traffic control systems. Humidity Motion **Temperature** Sound Pressure [2] (c) Control systems use feedback. Place a tick (\checkmark) beside one example of feedback used in a typical washing machine. Description Tick (✓) Washing machine cycle is selected using a dial on the washing machine The water temperature increases until it reaches the temperature level chosen The water level is recorded by a moisture sensor inside the drum [1] Total Question 15 [Turn over 8105



		n is making a movie with a soundtrack as part of his GCSE ICT ed assessment.	Marks R
The long		npleted movie is 20 seconds long. The soundtrack is 30 seconds	
		n needs to modify the soundtrack to make sure it stops at the same the movie.	
(a)	(i)	State one feature of a movie editing package that would allow him to do this.	
		[1]	
	(ii)	How can Brooklyn use audio effects to change the way the soundtrack plays across the movie?	
		[1]	
		n wants to use the movie editing package to alter the way his lips are presented to the person viewing it.	
(b)		ntify one feature of a movie editing package that will allow him to this.	
		[1]	
		ne movie is completed he has to choose appropriate export . The movie will be distributed using a website.	
	tings		
set	Wh	y would this method of distribution not be appropriate for a movie t is one hour long?	
set	Wh		
set	Wh	is one hour long?	Total Ques
set	Wh	is one hour long?	Total Ques

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	· · · · · · · · · · · · · · · · · · ·	
Statement	Tick (✓)	
Information is raw facts and figures that have not been given a meaning.		
Information can be produced by processing raw data.		
Information is automatically encrypted when it is produced.		
Information is raw facts and figures that have been given a context.		
	[2]	



City High School		
Pupil Number:		
Address:		
Telephone Number:		
DOB:/		
How do you travel to school?		
LUNCHES?		
SCHOOL CANTEEN?		
PUPIL NAME:		
(b) Explain how this data capture form can be improved upon by commenting on each of the following features of form design.		
Font:		
	[1]	
Tick Boxes:		
Positioning of text:		
Instructions:		Total Ques
		LI

18	clas	-		• •	nts from his English icle and comment on	the	Examin Marks	er Only Remark
	(a)	Give one re task.	ason why instant	messaging woul	d not be suitable for t	this		
						_ [1]		
	The	students de	cide to use a bulle	etin board for the	e task.			
	(b)		y a bulletin board		e sentences which or this task (not all			
		Offline	Replies	Online	Interactive			
		Bulletin boa	rds are not		Not everyon	e		
		in the group	has to be		at the same time	to		
		take part in	the discussion. Us	sers can comme	nt on the article and			
		read the		from othe	r group members at			
		anytime.				[3]		
	As Vol		sson the pupils wi	ll also link with a	nother school using			
	(c)	Explain to J	ude what is mean	t by VoIP.				
							Total Qu	estion 18
						[2]		
8105							[Tur	n over
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	Name	Turce		
	Name 100_0030	Type GIF Image		
	100_0022	Bitmap Image		
	100_0023	Bitmap Image		
	No_0024	Bitmap Image		
	100_0025	Bitmap Image		
	💼 100_0022 💼 100_0026	JPEG Image JPEG Image		
	100_0025	JPEG Image		
	100_0023	JPEG Image		
	100_0024	JPEG Image		
			[2]	
	ion from 96 pixels per inc	to her website. She change th to 300 pixels per inch. The loading time of the web	es the image	
resolut	ion from 96 pixels per inc How might this affect th	ch to 300 pixels per inch.	es the image	
resolut	ion from 96 pixels per inc How might this affect th is added to?	ch to 300 pixels per inch.	es the image	
resolut (b) (i)	ion from 96 pixels per inc How might this affect th is added to?	ch to 300 pixels per inch. ne loading time of the web ce a tick (✔) beside one o	es the image	
resolut (b) (i)	ion from 96 pixels per inc How might this affect th is added to? From the list below plac type suitable for use wh	ch to 300 pixels per inch. ne loading time of the web ce a tick (✔) beside one o	es the image page the image [1] ther graphic file	
resolut (b) (i)	 ion from 96 pixels per inc How might this affect the is added to? From the list below place type suitable for use where the suitable for use whe	ch to 300 pixels per inch. ne loading time of the web ce a tick (✔) beside one o	es the image page the image [1] ther graphic file	
resolut (b) (i)	 ion from 96 pixels per inc How might this affect the is added to? From the list below place type suitable for use where the suita	ch to 300 pixels per inch. ne loading time of the web ce a tick (✔) beside one o	es the image page the image [1] ther graphic file	



Eimear's websi	ite will also con	itain a video.				Examin Marks	er Only Remark
c) From the li	st below circle	an appropriate	video file forr	mat.			
	CSV	AVI	WAV		[1]		
Eimear's dad is mages he has	•	l photographer.	He sometime	es has to edit	the		
(d) Give two reformat.	easons why he	e should save hi	s photograph	s in bitmap			
	ons create vec	tor-based graph	nics.				
(e) Use words	ons create vec from the list be		nics. e the sentenc	es which			
(e) Use words	ons create vec from the list be	tor-based graph elow to complet aphics (not all v	nics. e the sentenc	es which e used).			
e) Use words describe ve resolution	ons create vec from the list be ector-based gra objects	tor-based graph elow to complet aphics (not all v	nics. e the sentenc vords will be pixels	es which used). resized	. [1]		
e) Use words describe vertice resolution	ons create vec from the list be ector-based gra objects sed graphics ar	tor-based graph elow to complet aphics (not all v bitmaps	nics. e the sentenc vords will be pixels	es which used). resized	[1]		
e) Use words describe ver resolution Vector-bas The image Vector-bas	ons create vec from the list be ector-based gra objects sed graphics ar quality does n	tor-based graph elow to complet aphics (not all v bitmaps e made up of	nics. e the sentenc vords will be pixels	es which e used). resized	[1] [1]		
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20	in te	an owns a recruitment agency. He wants to use a mobile device to ke buch with the office while he is waiting for a flight at the airport. He not decide if he should use a 3G or a Wi-Fi connection.	ep	Examin Marks	er Only Remark
	(a)	Describe three disadvantages of both 3G and Wi-Fi and say which technology you would recommend and why.			
		3G			
		Wi-Fi			
		Recommendation			
			[6]		
8105					

(b)	Match the following ter identify the facilities av will be used).		s in the table below to le phones (not all terms	Examir Marks	ner Only Remark
	SMS	Roaming	MMS		
	Video calling	Voice Mail	Flight Mode		
Definit	tion		Mobile Phone Feature		
	users to send message er users	es containing images			
	users to send and rece er country	ive calls whilst in			
	users to make interacti and sound	ve calls containing			
	users to send a messa other users	ge containing text			
			[4]		
				Total Qu	estion 20
8105				Linu	n ovei

BACKUP HARD DRIVE FI	REWALL	FIBRE OPTIC	
VIRTUAL LEARNING ENVIRONMENT	CACHE	BLUETOOT	н
DATA PORTABILITY	VIRUS	PDF	
TOUCH SCREEN GRAPHIC	CS DIGITISER	MIDI	
Definition	Term		
Software designed to protect a network from hacking via the Internet			
A document format which can be made read only			
A software tool designed to deliver courses online			
A type of cable which sends data using light pulses			
An input device which consists of a flat surface upon which the user draws using an attached stylus			
Small capacity memory which operates at high speed			
The ability to transfer data from one system or software application to another without having to re-enter the data			
A program designed to damage a computer system			
A wireless technology which can be used to connect a headset to a mobile phone			
A copy of data currently held on a computer system			
			[10]



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For Examiner's use only		
Question Number	Marks	
1		
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Total Marks		

Examiner Number

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