



For	ques	stion	1 insert the appropriate letter in the space provided. Examiner Only Marks Remark	
1	(a)	A vi	rus is:	
		A	Software designed to protect the computer	
		B	Software designed to damage the computer	
		С	Hardware designed to damage the computer	
		D	Hardware designed to protect the computer	
			Answer [1]	
	(b)	The	law designed to protect computers from unauthorised access is:	
		A	The Computer Management Act	
		B	The Computer Misuse Act	
		С	The Data Misuse Act	
		D	The Data Management Act	
			Answer [1]	
	(c)	The	law designed to protect personal data and information is:	
		A	The Data Protection Act	
		B	The Data Security Act	
		С	The Information Protection Act	
		D	The Information Security Act	
			Answer [1]	
7015				



	(d)	Whi	ich statement is FALSE about flash memory?	Examin Marks	er Only Remark
		A	It is used in memory sticks		
		B	It cannot be erased		
		С	It is used in mobile phones		
		D	It has no moving parts		
			Answer [1]		
I	(e)	The	clipboard on a computer:		
		A	Stores data when the computer is switched off		
		B	Stores data for the operating system		
		С	Stores data when it is being copied		
		D	Stores data when it is being printed		
			Answer [1]		
	(f)	Web	p pages:		
		A	Are written using HTML and may contain hyperlinks		
		B	Are written using HTTP and may contain hyperlinks		
		С	Can only be viewed online whilst connected to the Internet		
		D	Cannot be sent as attachments		
			Answer [1]		
7015				[Tur	n over



	(g)	E-c	ommerce is:	Examiner Only Marks Remark
		A	Using ICT to manage sales and orders	
		B	Communicating with customers via the Internet	
		С	The buying and selling of goods and services via the Internet	
		D	Using networks to link stores electronically	
			Answer [[1]
	(h)	Tex	ct-wrapping is:	
		A	When text is placed behind images on a printed document	
		B	When text scrolls along the top of a web page when it is loaded	
		С	When animated text enters a slide on a presentation	
		D	When text flows automatically around a graphic	
			Answer [[1]
	(i)	Ref	fining the search in a search engine will:	
		A	Increase the number of web pages returned in a search	
		B	Reduce the number of web pages returned in a search	
		С	Lead to web pages automatically being loaded onto the user's screen	
		D	Provide increased security for the user when they are using the Internet	
			Answer [[1]
7015				



(j)	TF	T is a type of:			Examin Marks	er Only Remark
	A	Keyboard				
	B	Printer				
	С	Monitor				
	D	Storage				
			Answer [[1]		
					Total Qu	estion 1
7015				l	[Tur	n over



2 Mrs Maxwell is taking 15 pupils on a trip to London. She has prepared the following spreadsheet showing the costs.

	Α	В	С	D	Е	F	G			
1		London Trip Costs								
2	ITEM	Quantity	Cost	Total Cost	% Discount	Discount £	Total Payable			
3	Airporter Bus Ticket	15	£ 20.00	£ 300.00	10%	£ 30.00	£ 270.00			
4	Flight Ticket	15	£ 45.00	£ 675.00	5%	£ 33.75	£ 641.25			
5	Stansted Express Ticket	15	£ 20.00	£ 300.00	10%	£ 30.00	£ 270.00			
6	Wizard of Oz Ticket	10	£ 46.00	£ 460.00	15%	£ 69.00	£ 391.00			
7	National Museum Ticket	5	£ 5.00	£ 25.00	5%	£ 1.25	£ 23.75			
8	Globe Theatre Ticket	12	£ 18.00	£ 216.00	10%	£ 21.60	£ 194.40			
9	Hotel Cost	15	£150.00	£2,250.00	10%	£225.00	£2,025.00			
10			£304.00	£4,226.00		£410.60	£3,815.40			

- (a) Apart from the use of bold, how have the cells in *row 1* been formatted?
 - _ [1]

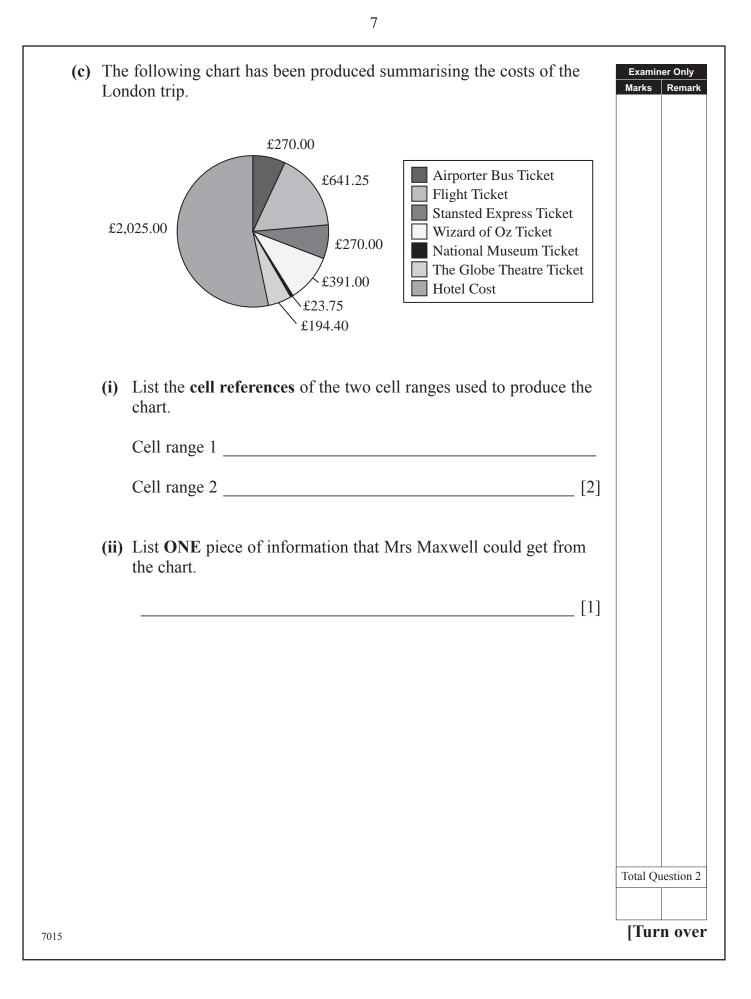
Examiner Only

Marks Remark

(b) Below is a section of the spreadsheet. Enter the **THREE** formulae you would expect to find in the spaces provided.

	Α	В	С	D	Е	F	G		
1	London Trip Costs								
2	ITEM	Quantity	Cost	Total Cost	% Discount	Discount £	Total Payable		
3	Airporter Bus Ticket	15	£20.00	[1]	10%	[1]	[1]		
7015									







3 John is a Year 8 student. He is learning about email in the school. Below is part of an email window.	Examiner Only Marks Remark
■Send 通 ② ③ ③ ③ ③ ● ● ● Options ④ Help Io <u>C</u> c Bcc Subject: Attachments: Normal ▲ A Times New Roman ▲ 12 ▲ B I 型 書 書 語 語 算 算 11 114	
(a) Explain to John the difference between Cc and Bcc.	
[2]	
7015	



(b) John wants to make use of attachments. I referring to the Browse and Attach butto		Examiner Only larks Remar
🗿 Attachments Web Page Dialog	X	
	@ Help	
Choose a file to attach:		
Add the file to the list	Browse	
	Attach	
Current file attachments	Remove	
	Keinere	
	Close	
Browse		
Attach		
	[2]	
	T	otal Question
015		[Turn ove



- 4 An accountancy firm has bought software for its new networked computers.
 - (a) In the table below, tick (✓) ONE piece of Software which would be most appropriate to carry out the Task stated.

most appropriate to carry out	the Task stated.	
Task	Software	
	Select ONE only	
Perform financial calculations on customer data.	 Database Spreadsheet Desktop Publishing Email 	
	Select ONE only	
Store customer records without repeating data.	 Database Spreadsheet Desktop Publishing Email 	
	Select ONE only	
Create a flyer to advertise the company.	 Database Spreadsheet Desktop Publishing Email 	
	[3]	
7015		



Examiner Only Marks Remark

	ne accountant has to give a talk at a conference. He has decided to reate a multimedia presentation.	0	Examin Marks	er Only Remark
(i) Explain the term multimedia .			
		[2]		
Т	he accountant has used a wizard to help prepare the presentation.			
(i	i) What is a wizard?			
		[2]		
			Total Qu	lestion 4
7015			[Tur	n over



5 Catriona has bought a r computer are listed belo	new computer. Some of the details about the ow.	Examiner Only Marks Remark
Processor	Intel® Pentium® Processor E5300 - 2.6 GHz - 800 MHz	
Operating System	Genuine Windows® 7 Home Premium 64-bit	
RAM	2 GB	
Screen resolution Screen size	1366 × 768 18.5"	
Hard drive	320 GB 7200 rpm	
Optical disk drive Memory card reader USB Modem/Ethernet Wi-Fi Bluetooth	DVD writer Yes 6 USB 2.0 ports (2 in front) Ethernet RJ-45 port Yes No	



 (i) What do the letters GUI stand for? [1] (ii) List and explain ONE feature associated with a GUI. Feature:	(a)	The Operating System Genuine Windows® 7 Home Premium is a	GUI.	Examin Marks	er Only Remark
 (ii) List and explain ONE feature associated with a GUI. Feature:		(i) What do the letters GUI stand for?			
 (ii) List and explain ONE feature associated with a GUI. Feature:			[1]		
Feature:					
Explanation: [2] (b) How could Catriona use the optical disk drive? [1] (c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1. 2. 2. [2] (d) What is the advantage of having a memory card reader on the computer? [1] Total Question 5 Total Question 5		(ii) List and explain ONE feature associated with a GUI.			
[2] (b) How could Catriona use the optical disk drive? [1] (c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1		Feature:			
 (b) How could Catriona use the optical disk drive? [1] (c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 		Explanation:			
 (b) How could Catriona use the optical disk drive? [1] (c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1					
[1] (c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1. 2. [2] (d) What is the advantage of having a memory card reader on the computer? [1]					
[1] (c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1	(b)	How could Catriona use the optical disk drive?			
(c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1. 2. [2] (d) What is the advantage of having a memory card reader on the computer? [1] [1] Total Question 5					
(c) The computer has 6 USB ports. Give TWO ways in which she can use USB ports. 1. 2. [2] (d) What is the advantage of having a memory card reader on the computer? [1] [1] Total Question 5			[1]		
USB ports. 1					
2	(c)		ı use		
(d) What is the advantage of having a memory card reader on the computer? [1] [1] [1] Total Question 5 [1]		1			
(d) What is the advantage of having a memory card reader on the computer? [1] [1] [1] Total Question 5 [1]		2.	[2]		
computer?[1][1][1]					
[1]	(d)				
Total Question 5		computer?			
Total Question 5					
			[1]		
				Total Ou	estion 5
7015 [Turn over					
	7015			[Tur	n over



6 Input and output devices are important parts of any computer system. Examiner Only Marks Remark (a) Name the input devices shown below and explain **ONE** way in which they can be used to input data into a computer system. Device **Device Name** Use (i) Burg Des Other Unit Drink Fries đ X 1: (Y) 0 and 1 O Cola Bana Ora Choo © http://www.teach-ict.com [1] [1] (ii) [1] [1] ©iStockphoto/Thinkstock (iii) [1] [1] ©Hemera/Thinkstock



(b)		nk spaces using words on about printers. (Use			complete	Examine Marks	er Only Remark
	HIGH	DOT MATRIX	NON	IMPACT	TONER		
	A laser printe	r is a type of		printer. It produ	ices		
		quality printouts an	nd uses		to print		
	onto paper. A	print	er can p	produce carbon c	copies		
	because the p	rint head makes conta	ct with	the paper.	[4]		
						Total Qu	estion 6
15						[Turi	n ovei



7		k's English teacher has set up a video conference with an international at and the class.	Examin Marks	er Only Remark
	(a)	Apart from a computer, list TWO pieces of hardware that his teacher will require for the video conference.		
		1		
		2[2]		
	(b)	State TWO advantages of using video conferencing in this situation.		
		1		
		2		
		[2]		
	(c)	What impact could running the video conference have on the speed of the Internet for other users?		
		[1]		
			Total Qu	lestion 7
7015				



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(Questions continue overleaf)

7015

[Turn over



8		nn has created a dat ls being awarded pri				f all of the	Examin Marks	er Only Remark
		Use the words below word only once.)	v to complete	e the follow	ing sentences.	(Use each		
		form	record	orga	nised			
		A database is an	00	ollection of	information.			
]	Each entry about a p	person or iten	n in a databa	ase is called a			
	-	·						
]	Data can be input in	to a database	using a	·	[3]		
	Part	of the database Aisl	inn created is	s shown belo	OW.			
	Irizo ID	Prize Name	Purpopo	First Name	Voor Croup	Attonding?		
	Prize ID		Surname		Year Group	Attending?		
		1 ICT Prize	Irwin	Jane	8	✓		
		2 Maths Prize	Baird	Jake	8			
		3 English Prize	Coleman	Brian	8			
		4 Science Prize	Groves	Simon	8	✓		
		5 Excellent Attendance	Smith	Leisa	8			
		6 Music Prize	Brown	Emily	8			
		7 Athletics Prize	Phillips	Alexander	8	¥		
		8 Best Grades	Thomas	Cathy	8			
		9 Effort	Stanley	Peter	8			
		10 ICT Prize	Hicks	Myles	9			
		11 Maths Prize	Dunlop	Molly	9			
		12 English Prize	Irwin	Charlie	9			
		13 Science Prize	Morris	Joseph	9			
		14 Excellent Attendance	Mains	John	9			
		15 Music Prize	Knowles	Michael	9			
		16 Athletics Prize	Peters	Petra	9			
		17 Best Grades 18 Effort	McDowell Cowan	Chris Eimer	9			
7015								



(b)	(i)	Explain what is meant by a key field . [1]	Examiner Only Marks Remark
	(ii)	Suggest a suitable key field for the data shown in the table above.	
		[1]	
		Question 8 continues overleaf	
7015			[Turn over



Aislinn creates the following report for her teacher.

Examiner Only Marks Remark

Prize Day 2011

'ear Group	Surname	First Name	Prize ID	Prize Name	Attending?
	Baird	Jake	2	MathsPrize	
	Brown	Emily	6	Music Prize	V
	Coleman	Brian	3	English Prize	
	Groves	Simon	4	Science Prize	\checkmark
	Irwin	Jane	1	ICT Prize	\checkmark
	Phillips	Alexander	7	Athletics Prize	
	Smith	Leisa	5	Excellent Attendance	
	Stanley	Peter	9	Effort	
	Thomas	Cathy	8	Best Grades	
I					
	Cowan	Eimer	18	Effort	
	Dunlop	Molly	11	MathsPrize	
	Hicks	Myles	10	ICT Prize	
	Irwin	Charlie	12	English Prize	
	Knowles	Michael	15	Music Prize	
	Mains	John	14	Excellent Attendance	
	McDowell	Chris	17	Best Grades	
	Morris	Joseph	13	Science Prize	✓
	Peters	Petra	16	Athletics Prize	
forn	ne table below natting of thi	w, tick (✔) ONI			E about the
Fo	rmatting				Tick (✓)
The	e report is gr	ouped according	g to Attend	ling	
The	e report is gr	ouped according	g to Year C	Broup	
111					
	e report is so	rted according t	o Surname		



(d)	What do the letters csv stand for?		
	[1]		
	[1]		
		Total Qu	Lest



9		ocal supermarket is trying to decide if they should install a new EPO tem.	S	Examine Marks	er Only Remark
	(a)	What does EPOS stand for?			
			[1]		
	(b)	Name TWO output devices used with an EPOS system.			
		1	[1]		
		2	[1]		
	(c)	List TWO disadvantages to the supermarket of installing an EPOS system.	S		
		1	[1]		
		2	[1]		
		DS systems scan barcodes on products when purchases are made. List ONE piece of data held on a barcode.			
			[1]		
				Total Qu	estion 9
7015					



10	Ban	ks make widespread use of ICT today.		Examin Marks	er Only Remark
	Cus	tomers can manage their accounts online or using telephone banking	g.		
	(a)	In the table below, tick (\checkmark) TWO tasks a customer can carry out us their online bank account.	sing		
		Online banking Tick (✓)			
		Transfer money			
		Withdraw money			
		Pay bills			
		Print cheques			
			[2]		
	(b)	Give ONE reason why not all customers would like to manage their accounts in this way.	r _ [1]		
	Cus	tomers use a PIN to keep their account secure when using an ATM.			
	(c)	What do the letters PIN stand for?			
			[1]		
		ks can use a magnetic stripe or a micro chip to store details on comers' bank cards.			
	(d)	List TWO differences between magnetic stripe cards and cards us micro chips .	ing		
		1	[1]		
		2	[1]		
				Total Que	estion 10
7015				[Tur	n over



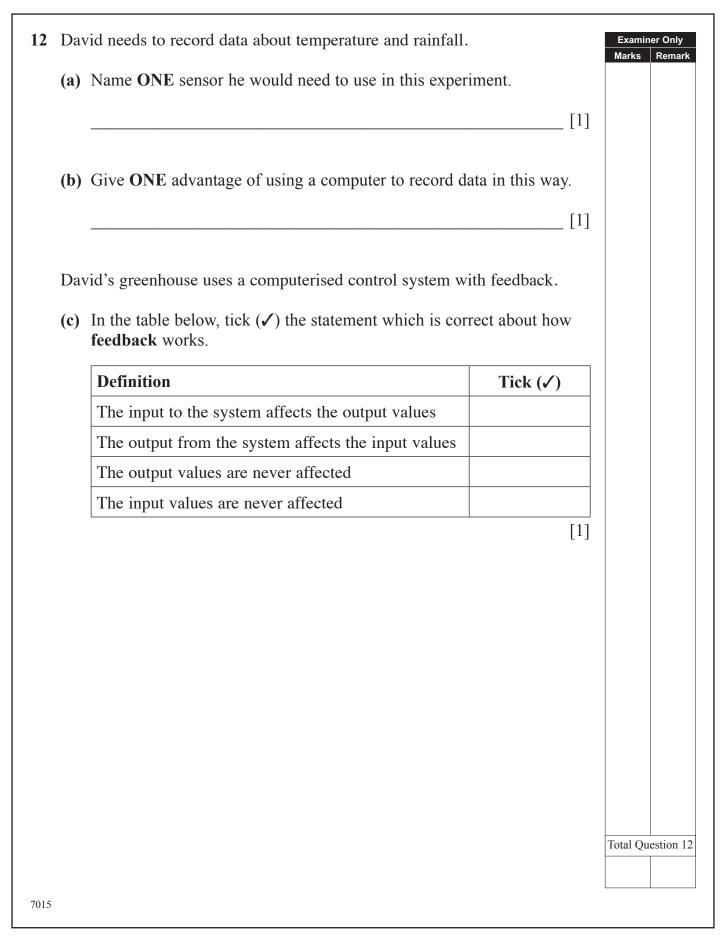
	arah has bought a new PC but wants t orage media she can use.	to know more about the different	Examiner Only Marks Remark
(a) State whether each of the media in Optical storage media. The first is		
	Media	Magnetic or Optical?	
	GiStockphoto/Thinkstock	Magnetic	
	©iStockphoto/Thinkstock		
	©iStockphoto/Thinkstock		
		[2]	
7015			



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	hard disc	main memory	CD ROM		
Fastest	1			_ [1]	
	2			[1]	
↓ Slowest	3			_ [1]	
	as a 160 GB hard	disc, 2GB of RAM an	nd 1GB of cache		
memory.					
(c) Name O contents		ge device which she c	ould use to backu	p its	
				[1]	
				Total Q	uestic







13 A national newspaper uses a LAN (Local Area Network) with an Intern connection.	et	Examin Marks	er Only Remark
(a) List TWO advantages to the newspaper of using a LAN.			
1			
2	[2]		
Staff at the newspaper can also use the WWW (World Wide Web) to research articles they are writing.			
(b) Explain the difference between the Internet and the WWW .			
The Internet is an example of a WAN (Wide Area Network).			
(c) List TWO differences between a LAN and a WAN.			
1			
2	[2]		
The newspaper also uses the LAN to store personal details about employees.			
(d) Name ONE method of security they might employ to ensure data o the LAN is kept secure from internal users.	n		
	[1]		
		Total Qu	estion 13
7015		[Tur	n over



a web address which when typed into the address bar of browser will take the user to a website Image: Comparison of the series of two is the series of the series of the series of two is the user's screen position a object which tracks the user's screen position Image: Comparison of the series of th	mplate	Cursor	History	Zoom	
Definition Term a web address which when typed into the address bar of browser will take the user to a website Image: Comparison of the series of t	ail-merge	Export	Pixel	URL	
a web address which when typed into the address bar of browser will take the user to a website Image: Comparison of the series of the seri	osolute	Digital			
browser will take the user to a website document that can be edited and reused over and over gain he smallest element on a VDU that can be edited llows an area of the screen to be seen more closely Data in a format known as binary, which consists of two igits 0 and 1 an object which tracks the user's screen position a spreadsheet cell reference that does not change when opied button on a web browser which shows the websites		Defin	ition		Term
gain he smallest element on a VDU that can be edited Illows an area of the screen to be seen more closely Data in a format known as binary, which consists of two igits 0 and 1 In object which tracks the user's screen position In spreadsheet cell reference that does not change when opied I button on a web browser which shows the websites			-	dress bar of	
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Pata in a format known as binary, which consists of two igits 0 and 1 In object which tracks the user's screen position In spreadsheet cell reference that does not change when opied In button on a web browser which shows the websites	he smallest e	element on a V	DU that can be e	edited	
igits 0 and 1 In object which tracks the user's screen position In spreadsheet cell reference that does not change when opied In button on a web browser which shows the websites	llows an area	a of the screen	to be seen more	closely	
a spreadsheet cell reference that does not change when opied a button on a web browser which shows the websites		nat known as bi	nary, which con	sists of two	
button on a web browser which shows the websites	n object whi	ch tracks the u	ser's screen posi	tion	
	1	cell reference	that does not cha	ange when	
iat have been visited	button on a at have been		which shows the	websites	
sing a database and word processor to create ersonalised documents	-	_	rocessor to creat	ie l	
o convert a document into a format for use in another ackage		locument into a	format for use	in another	



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