

GCSE

Edexcel GCSE

Information and Communication Technology (1185-2F)

Summer 2005

advancing learning, changing lives

Mark Scheme (Results)

Mark Scheme - June 2005 1185-2F Section A

Answer
C
B
D
A
A
A
B
B

 $\begin{matrix} C & C & C \\ C & D \\ C & C \end{matrix}$

B A A B

Question		
1		
2 3		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Mark Scheme - June 2005 1185-2F Section B

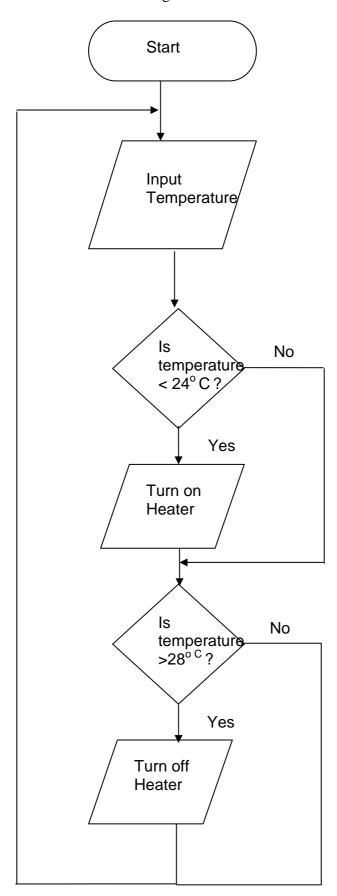
QUESTION		ANSWER		MAX
1	а		MARK	
•	i	4	1	
	ii	Thomson	<u>'</u> 1	
	**	THOMSON		2
	b			
		223. Only accept 223 as an answer not the name.	1	
		220. Only decept 220 as an answer flet the hame.	<u> </u>	1
	С			'
	i	Customer ID	1	
	ii	Unique to the customer.	<u>·</u> 1	
		It is the only field that is unique to the customer.	2/0	
		Could be 2 customers with the same surname and they need to be identified separately.	1,1	;
	d			
	i	Format of data is shortened / changed to :	1	
		Aid data entry (not just 'easier')	1	
		Aid computer processing	1	
		Avoid errors	1	
	ii	Quicker data entry (not easy)	1	:
	11	Mistakes are less likely.	<u>'</u> 1	
		Saves storage space.	<u>.</u>	
		Saves space on print outs / screen	1	
				2
			Total	10
2	2			
	i	Choc-Ice (number 2)	1	
	<u> </u>	Orange (Can) (number 4)	1	
		Deduct 1 mark for each incorrect entry if more than 2 given	1	
		Deduct I mark for each incorrect entry if more than 2 given		
	ii	Cell D4 / 4D	1	
	iii	Alphanumeric / Text / String (Not character)	1	
	b	Alphanumenc / Text / String (Not character)	1	4
	i	Bar code scanner / bar code reader / laser scanner	1	
	1		1	
		Not hand hold coannor		
		Not hand held scanner		
	ii		1	
	ii	Laser reads bar code	1	
	ii	Laser reads bar code Item identified	1	
	ii	Laser reads bar code Item identified Database accessed	1 1	
	ii	Laser reads bar code Item identified Database accessed Price displayed	1 1 1	
	ii	Laser reads bar code Item identified Database accessed Price displayed Reduce number in stock	1 1	
	ii	Laser reads bar code Item identified Database accessed Price displayed	1 1 1	
	ii	Laser reads bar code Item identified Database accessed Price displayed Reduce number in stock	1 1 1 1	
	ii	Laser reads bar code Item identified Database accessed Price displayed Reduce number in stock	1 1 1	

Mark Scheme - June 2005 1185-2F Section B POSS. MAX **QUESTION ANSWER** MARK 3 LAN / Local Area Network 1 1 ii Any 3 of: Access from any work station 1 Central Storage of data and software 1 Sharing of peripherals 1 Control of Users 1 Access rights 1 Communication by internal email / intranet 1 Only need to install software / upgrade once 1 3 Order is important for some marks b Type in email address. 1 Enter subject 1 Compose / create 1 Select Attachments 1 Browse for file 1 Select / Attach file Select from mailing list 1 Distribution list 1 Send 1 4 3 QWC Total 11

Mark Scheme - June 2005 1185-2F Section B POSS. **ANSWER** MAX **QUESTION** MARK a Word processing / DTP (Desk Top Publishing) 1 1 b Not Graphics / images / pictures Not Colour issues Not change to content Convert to columns 1 B / I / U for specified items 1 Change font size for specified items 1 Change font style 1 Add borders 1 Fully justify (not justify) 1 3 Allow device marks even if explanations are incorrect С Graphics tablet, for drawing 1,1 Digital camera, for taking photographs 1,1 Scanner, to scan photographs / pictures 1,1 4 Don't allow photos twice Total 8

Mark Scheme - June 2005 1185-2F Section B				
QUESTION	N ANSWER		POSS. MARK	MAX
5	Mark for sensible layout		1	1
	(Signature would lose sensit	ole layout mark)		
	Ease of use - Any 3 of:	Command buttons	1	
	-	Sensible field lengths	1	
		Coding e.g. gender	1	
		Scroll bars	1	
		Drop down menus	1	
		•		
				3
	Content : -			
	7 given - 4 marks			
	5 given - 3 marks			
	3 given - 2 marks			
	1 given - 1 mark			
	Form Title			
	First name / initial			
	Surname			
	Title			
	Street & Town			
	Post Code			
	Address (if not street & tow	n)		
	County			
	Contact No. (One only)			
	E-mail address			
	Date of Birth Gender			
	Genuei			
				4
			Total	8

			ne 2005 1185-2F ion C		
QUI	ESTION	ANS	SWER	POSS. MARK	MAX
1	а	Give 1 mark for every two instru Shown on separate page	uctions that are correct		4
	b	U8, R9 R9, U8		1,1	
		U (total of 8) R (total of 9)		1	
		K (total of 7)		•	2
				Total	6
2		1 mark for each correct entry	Turn heater on	1	
			Is temperature >28° C Turn heater off	1	
		1 mark for 'no' in correct positi		1	
		1 mark for arrow in correct direct Shown on separate page.	ection	1	5
		Shown on separate page.			3
				Total	5



Mark Scheme - June 2005 1185-2F Section C POSS. QUESTION **ANSWER** MAX MARK 3 a i Any 2 of: More convenient (Expand this answer for the mark) 1 People do not have to be in to receive the message 1 Hard copy, permanent record of the message. 1 Attachments can be added 1 Multi send 1 No cost issues 2 Chat rooms ii 1 News groups 1 Bulletin boards / forums 1 Messaging 1 Texting from Internet to mobile 1 Video conferencing 1 VOIP 1 3 b Any 3 of: Fireproof safe in case Head Office catches fire 1 Taken away from the premises in case of flood or fire 1 in case data is corrupted 1,1 in case original is stolen 1 in case of fire 1 Back up 1 No virus / hacking issues 3 Total 8

Mark Scheme - June 2005 1185-2F Section C POSS. QUESTION **ANSWER** MAX MARK 4 а i Anti virus checker / software / virus blocker 1 1 ii **Firewalls** 1 Passwords 1 1 Paedophiles (Accessed up through the chat rooms) b 1,1 Pornography (unsuitable content/material) 1,1 Spend time playing games (Not going out playing with friends/socialising) 1,1 Time wasting / chattingnot working 1,1 Too much time on computernot socialising 1,1 Lots of time on-linelarge phone bills 1,1 Stop others using phoneif you don't have broadband or equivalent 1,1 Illegal downloads could lead to prosecution 1,1 Up to 4 points or 2 expanded. 4 QWC 3 С e-mail toaccess experts for golfing tips 1,1 Use a search engine tolook for new courses 1,1 Online shopping to buy clothes / buy equipment 1,1 Golfing games 1 Use BBC (or other) to watch tournaments on computer 2/0 Up to date information on tournaments 2/0 Any other sensible 4 Total 13

	Mark Scheme - June 2005 1185-2F Section C			
QUI	QUESTION ANSWER			MAX
5	а			
	i	Safety to the public or the driver (not both)	1	
		The environment can be varied	1	
		Crashing the trains	1	
		Cheaper after initial costs	1	
				3
	ii	High initial costs of buying the simulator	2,0	
		It is not real (must expand for the mark)	1,1	
				2
	b			
		Science experiments	1	
		Weather forecasting	1	
		Virtual reality	1	
		Games	1	
		Financial planning	1	
		Crop yields	1	
				2
			Total	7

	Mark Scheme - June 2005 1185-2F Section C					
QU	ESTION	N ANSWER		POSS. MARK	MAX	
6	а					
	i	Temperature / heat sensor /	temperature probe	1		
		Thermistor		1		
		Not thermometer			1	
	ii	Any 3 of:				
		Don't have to be there		1		
		If weather conditions are back	d it doesn't matter	1		
		Automated routine		1		
		Timed intervals		1		
		Can record 24 hours a day		1		
		Less human error / more acc	urate		3	
		More reliable				
		No Health and safety issues				
	b					
	i	Spreadsheet / database		1		
					1	
	ii	Calculations		1		
		Graphs and charts		1		
		Formulae		1		
		Automatic recalculation		1		
		Stores data in organised way		1		
				Tatal	2	
7	а			Total	7	
		Producing charts	No	1		
		Input/ Output control	Yes	1		
		Formatting a floppy disk.	No	1		
		Printer Management	Yes	1		
		Virus checking	No	1		
		File management	Yes	1		
		Allocating memory	Yes	1		
		Internet connection	No	1		
					8	
	b	Any 2 of:				
		Windows		1		
		Icons		1		
		Menu		1		
		Pointers		1		
					2	
				Total	10	

	Mark Scheme - June 2005 1185-2F Section C				
QU	ESTION	ANSWER	POSS. MARK	MAX	
8	а	Input process output	1		
		Process backing store	1		
		All 4 arrows	1		
				3	
	b				
	i	Any within reason	1	1	
	ii	Any within reason.	1		
				1	
	iii	Any 2 of:			
		Hard Drive	1		
		Disk Drive	1		
		Pen drive	1		
		Floppy disk drive	1		
		CD R drive	1		
		Zip drive	1		
		Streamer	1		
		Dat drive	1		
		Not CD ROM drive			
		(Must have device)		2	
			Total	7	

Quality of Written Communication for Full Course 1185 (2F / 2H)

	Quality of Written Communication 6 marks are available on each written paper			
Level 1	Information given has limited relevance and is presented with a little clarity. Candidates spell, punctuate and use the rules of grammar with some accuracy.	1 – 2 marks		
Level 2	Some relevant information is presented, with varying degrees of clarity. Candidates spell, punctuate and use the rules of grammar with reasonable accuracy; they use the words and phrases – including specialist terms – with some accuracy.	3 – 4 marks		
Level 3	Some relevant information is presented with clarity of expression. Candidates spell and punctuate with considerable accuracy; and use a range of grammatical constructions, competently employing specialist and ICT terms.	5 – 6 marks		

Total for paper = 120 + 6 Quality of Written Communication = 126 marks