

Mark Scheme June 2007

Results Mark
Scheme

GCSE ICT (1185/3185 2F)

1185/F 3185/F SECTION A	
Question	Answer
1	A
2	B
3	C
4	C
5	B
6	C
7	A
8	C
9	D
10	B
11	A
12	B
13	D
14	B
15	D
16	C
17	D
18	A
19	B
20	C

Mark Scheme - 0706 1185/F 3185/F Section B				
QUESTION		ANSWER	POSS. MARK	MAX
1	(a)			
	i	7	1	
	ii	5	1	
				2
	(b)			
		Alphanumeric / Text / String	1	
		Date / Date & Time	1	2
	(c)			
	i	Format of data is shortened	1	
		Sensible example	1	
		One of:		
		Letters/characters used to represent words	1	
		Series of letters and numbers used to represent words	1	
		Series of letters and numbers used to identify people	1	

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Section B

QUESTION	ANSWER	POSS. MARK	MAX
			2
ii	Quicker data entry	1	
	Mistakes are less likely	1	
	Saves/minimises storage space / memory	1	
	Saves space on print outs	1	
	Saves space on screen	1	
	Easy to validate	1	
			2
iii	1st letter forename / initial and 1st 2 characters of surname	2	
	Name/Surname	1	
	Forename followed by Surname	1	
	Sensible example	1	
			2
(d)			
	Logical	Verbal	
	Job title = waiter	Filter / query / search	1
	or	Job titles*	1
	Job title = waitress	Waiters & waitresses*	1
		(*must have previous parts)	
	Job title = wait* / w*		3 / 0
	Select all correct fields to print		1
	Allow is the same as / like / = (or equivalent)		
			4
		Total	14
2	(a)		
	i	C4, 4C	1 1
	ii	49	1 1
	iii	D4+E4-F4 (D4+E4)-F4 (D4+E4-F4) SUM(D4:E4)-F4	1 1
	iv	Formulae	1
		Calculations	1
		Re-calculations	1
		Replication	1
		What if	1
		NOT charts and graphs	1 2

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Section B

QUESTION	ANSWER	POSS. MARK	MAX	
	(b)	Range check	1	
		Presence check	1	
		Length check	1	
		Type Check	1	
				2
	(c)			
	i	Verification	1	1
	ii	Proof-reading / read over and check	1	
		Get someone else to check	1	
		Double entry	1	1
			Total	9
3	(a)			
	i	Keyboard / QWERTY keyboard	1	1
	ii	Printer	1	1
	iii	Program	1	1
	(b)			
	i	Manipulation of text and graphics	1	
		formatting	1	
		Frames / text boxes	1	
		text flow	1	
		text wrap	1	
		Insert images/ graphics / Clip art	1	
		backgrounds	1	
		borders	1	
		Not fonts, colour etc (word processing)		
		Not templates - given in question		
				3
	ii	Everything looks the same/house style/company image	1	
		Accuracy	1	
		Saves time entering data	1	
		Can have 'fixed data' set up	1	
		Layout already created	1	
		Easy to use without training /novice users	1	
		Reusable	1	
				3

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Section B

QUESTION	ANSWER	POSS. MARK	MAX
	c	Open the card file / open template	1
		Click <u>Insert image</u> (from file) / import into DTP software	1
		<u>Select</u> photo (from file)	1
		Click/ <u>select</u> position of photograph	1
		<u>Edit/manipulate</u>	1
		<u>Re-size</u>	1
		<u>Crop</u>	1
			3
QoWC		Reasonable English, reasonable spelling & punctuation	1
		Good English, grammatically correct	1
		2 technical terms (underlined above) used correctly for 3rd mark	1
			3
		Total	15
4	(a)	Send 24/7 / send at night when Head Office closed	1
		No need for recipient to be there	1
		Multiple addresses/recipients	1
		Attachments	1
		Hard copy retained	1
		Cheaper, easier, quicker must be qualified	
			2
	(b)	Virus - install virus checker/ don't open attachments	1
		Hackers - Passwords / install firewall / encryption	1
			2
	(c)	Encryption.	1
			1
		Total	5

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Section C

QUESTION	ANSWER	POSS. MARK	MAX
1	(a)		
	i	Floppy disk /Hard drive /USB/ pen drive /CD /ZIP disc (any sensible)	1

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Section C

QUESTION	ANSWER	POSS. MARK	MAX
	ii DVD	1	
			2
	(b)		
	i Megabyte	1	
	ii Read Only Memory	1	
			2
	(c)		
	i Microphone	1	
	ii Scanner	1	
			2
	(d) Touch screen monitor / vibrating joy stick / interactive white board / e-beam	1	
			1
	(e) Software	1	
			1
		Total	8
2	(a)		
	i Bar code reader / Bar code scanner / bar code wand	1	
	ii Would not hear a 'beep' / different sound	1	
			2
	(b)		
	i Magnetic strip(stripe) / chip / microchip / memory chip	1,1	
	ii Number/ credit card number / ID number (must include number)	1	
			3
	(c)		
	i Magnetic Ink Character Reader / MICR	1	
	ii All details of account permanently on cheque	1	
	Accurate not more accurate	1	
	Very difficult to forge	1	
	Very difficult to damage	1	
	iii (Relatively) expensive to produce cheques	1	
	Expensive equipment needed	1	
			4
	(d)		
	Less likely to make errors	1	1
		Total	10

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QUESTION		ANSWER	POSS. MARK	MAX	
3	a	Investigation - Analysis - Design - Implementation - Evaluation			
		All correct	3		
		3 Correct	2		
		1 correct	1		
				3	
	b	Investigation / Analysis	1		
				1	
	c	Observation	1		
		Interview	1		
		Questionnaire	1		
Survey		1			
Review current documentation		1			
			1		
d	Testing	1			
			1		
		Total	6		
4	a				
	i	BUS /LINE / LINEAR		1	
		Advantage	Small amount of cable	1	
			If branch cable breaks rest of network unaffected	1	
		Disadvantage	Lots of users can make the network slow	1	
	Failure in central cable stops all workstations		1		
				3	
	ii	STAR		1	
		Advantage	Cable failure doesn't affect all workstations	1	
Performance of one machine doesn't affect others			1		
Less likely to slow down if many users			1		
Workstation can be added without closing network			1		
Disadvantage		Needs a lot of cable	1		
			3		

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QUESTION	ANSWER	POSS. MARK	MAX	
	iii	RING	1	
		Advantage	Small amount of cable	1
			Fast as data flows in one direction	1
		Disadvantage	Lots of users can make the network slow	1
			Failure in cable stops all workstations	
			If one workstation crashes / is switched off then the network goes down	
			Need to switch off network to add a workstation	1
		All cheap / fast answers must be justified		
				3
	b	LAN / local area network	1	
				1
			Total	10
5	a			
	i	Database	1	
	ii	Sort	1	
		Search / query	1	
		Easy to add / delete	1	
		Easy to amend / edit	1	
		Create reports	1	
		Can set validation rules	1	
				4
	b			
	i	Word processor	1	
	ii	Spell check	1	
		Grammar check	1	
		Print preview	1	
				3
	c			
		Printer / Monitor	1	
				1
	d			
	i	Passwords on files	1	

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QUESTION	ANSWER	POSS. MARK	MAX
	Set access rights	1	
	Read only files	1	
	Back-ups kept safely / different location	1	
	Archiving files	1	
	Encryption	1	
	Not backup on its own		2
ii	Locks on doors / windows / keyboards	1	
	Cable ties	1	
	Alarm system	1	
	Bars on windows	1	
	Locate computers upstairs	1	
			2
e	Repetitive strain injury		
	Wrist rests	1	
	Ergonomic keyboards	1	
	Eye strain Headaches		
	Anti glare screens	1	
	Swivelling screens	1	
	Correct lighting	1	
	Blinds at windows	1	
	Look away from the screen and focus on distant objects	1	
	Back Ache		
	Height adjustable chairs not comfortable	1	
	Adjustable back support	1	
	Footrest	1	
	Allow Regular breaks once	1	
			3
		Total	15
6	a		
	Ease of use - Any 3		
	Command buttons	1	
	Sensible field lengths	1	
	Coding	1	
	Scroll bars	1	
	Drop down menus	1	

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Section C

QUESTION	ANSWER	POSS. MARK	MAX
	Tick box	1	
	Personal Info - Any 2		
	Post Code	1	
	Contact No.	1	
	E-mail address	1	
	Hotel Info - Any 3		
	Specify hotel	1	
	Room type	1	
	Number of persons	1	
	Dates required / Start Date & no. nights	1	
	Smoking/Non smoking	1	
	Special requirements	1	
			8
b	No need to leave home	1	
	Can order 24 /7	1	
	Get immediate feedback on availability	1	
	Get immediate confirmation of booking	1	
	May be able to view room/facilities	1	
			3
		QWC	3
		Total	14