




PAPER 1 - FOUNDATION

Question	Max mark										
1. (a) <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><i>No marks if 2 boxes ticked</i></td> <td style="padding: 2px;">Tick one box only</td> </tr> <tr> <td style="padding: 2px;">Scanning pictures</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Scanning bank cheques</td> <td style="padding: 2px; text-align: center;">✓</td> </tr> </table>	<i>No marks if 2 boxes ticked</i>	Tick one box only	Scanning pictures		Scanning bank cheques	✓	1				
<i>No marks if 2 boxes ticked</i>	Tick one box only										
Scanning pictures											
Scanning bank cheques	✓										
(b) <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><i>No marks if 2 boxes ticked</i></td> <td style="padding: 2px;">Tick one box only</td> </tr> <tr> <td style="padding: 2px;">Scanning postcodes</td> <td style="padding: 2px; text-align: center;">✓</td> </tr> <tr> <td style="padding: 2px;">Scanning barcodes</td> <td style="padding: 2px;"></td> </tr> </table>	<i>No marks if 2 boxes ticked</i>	Tick one box only	Scanning postcodes	✓	Scanning barcodes		1				
<i>No marks if 2 boxes ticked</i>	Tick one box only										
Scanning postcodes	✓										
Scanning barcodes											
2. (a) <p style="margin-left: 20px;"> No wires Do not need to be connected to a landline Can use anywhere there is a signal Tidier desktop Idea of remote connectivity /can send pictures to the printer directly from the phone not 'can use anywhere' not 'can use on the move' unless qualified. not 'can use walking around' (could be wireless handset to a landline) </p>	1										
(b) <p style="margin-left: 20px;"> No service/Poor reception/no signal No battery/run out of credits Run up large <u>phone bills</u> Get mugged / phone stolen Nuisance value Interference with equipment Cancer hazard (<i>Not headache, eyestrain</i>) Not 'Expensive' unless qualified, Any reasonable answer </p>	1										
3. <p style="margin-left: 20px;">1 mark for each correct answer</p> <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding: 2px;">31 (mph)</td> <td style="padding: 2px; text-align: center;">DATA</td> </tr> <tr> <td style="padding: 2px;">You have exceeded the 30 mile an hour speed limit</td> <td style="padding: 2px; text-align: center;">Knowledge</td> </tr> <tr> <td style="padding: 2px; text-align: center;">  </td> <td style="padding: 2px; text-align: center;">Data</td> </tr> <tr> <td style="padding: 2px;">1 min 20 seconds</td> <td style="padding: 2px; text-align: center;">Data</td> </tr> </table>	31 (mph)	DATA	You have exceeded the 30 mile an hour speed limit	Knowledge		Data	1 min 20 seconds	Data	3		
31 (mph)	DATA										
You have exceeded the 30 mile an hour speed limit	Knowledge										
	Data										
1 min 20 seconds	Data										
4. (a) <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="padding: 2px; text-align: center;">Tick two boxes only</td> </tr> <tr> <td style="padding: 2px;">Address of Health Centre</td> <td style="padding: 2px; text-align: center;">✓</td> </tr> <tr> <td style="padding: 2px;">Favourite doctor</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Name of receptionist</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Telephone number of Health Centre</td> <td style="padding: 2px; text-align: center;">✓</td> </tr> </table>		Tick two boxes only	Address of Health Centre	✓	Favourite doctor		Name of receptionist		Telephone number of Health Centre	✓	2
	Tick two boxes only										
Address of Health Centre	✓										
Favourite doctor											
Name of receptionist											
Telephone number of Health Centre	✓										
(b) <p style="margin-left: 20px;">Spellchecker or spellcheck</p>	1										

Question	Max mark													
(c) <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center; padding: 0 10px;">ITALICS</td> <td style="text-align: center; padding: 0 10px;">CLIPART</td> <td style="text-align: center; padding: 0 10px;">CENTRE TEXT</td> <td style="text-align: center; padding: 0 10px;">BOLD FONT</td> </tr> <tr> <td style="text-align: center; padding: 0 10px;">FULLY JUSTIFY</td> <td style="text-align: center; padding: 0 10px;">UNDERLINE</td> <td style="text-align: center; padding: 0 10px;">BULLETS</td> <td style="text-align: center; padding: 0 10px;">BORDER ART</td> </tr> </table>	ITALICS	CLIPART	CENTRE TEXT	BOLD FONT	FULLY JUSTIFY	UNDERLINE	BULLETS	BORDER ART	5					
ITALICS	CLIPART	CENTRE TEXT	BOLD FONT											
FULLY JUSTIFY	UNDERLINE	BULLETS	BORDER ART											
(d) One mark for software and one for each use (no brand names) Allow interpretations of Health Centre as Fitness Centre Database Store details of patients or members or customers/clients / equipment / medicines Presentation software Create displays of events in Centre Must have a purpose or data not just an audience <i>Any reasonable answer but not advertising</i>	2													
5. (a)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Device</th> <th style="text-align: center; padding: 5px;">Input</th> <th style="text-align: center; padding: 5px;">Output</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">A keypad</td> <td style="text-align: center; padding: 5px;">✓</td> <td></td> </tr> <tr> <td style="padding: 5px;">B printer</td> <td></td> <td style="text-align: center; padding: 5px;">✓</td> </tr> <tr> <td style="padding: 5px;">C monitor</td> <td></td> <td style="text-align: center; padding: 5px;">✓</td> </tr> </tbody> </table>	Device	Input	Output	A keypad	✓		B printer		✓	C monitor		✓	3
Device	Input	Output												
A keypad	✓													
B printer		✓												
C monitor		✓												
(b) Card reader Chip and pin reader Weighing scales or scales Barcode reader or barcode scanner / scanner/scan in barcode but NOT 'barcode' Portable data entry / SEC / hand held methods Kimball tag reader OMR Touch screen / Concept keyboard / Programmable screen	1													
(c) <i>Any two of:</i> Country of origin/ County of origin code/country code Manufacturers Code or Manufacturers Number NOT <i>name</i> Product Code or product Number NOT <i>Item code or stock code</i> Check digit	2													
(d) Type the number in Note 'type' not 'enter' Get another one and scan it in	1													
(e) <i>Any three of:</i> Buy one get one free (BOGOF) / Discounts Loyalty points / vouchers / coupons Pay using many different cards/many different ways to pay Cash back Weighing scales / don't have to weigh goods earlier Portable data entry Refunds / exchanges Price enquiries Pre-printed cheques Update smart / top-up mobile phone cards / paypoints Self scanning/ self service Not 'faster service' need idea of extra service Not 'top-ups' <i>Any reasonable answer.</i>	3													

Question	Max mark
(f) <i>Any two of:</i> Shop 24/7 / 365 days Can find obscure books/wider selection available Don't have to leave home – <u>must be qualified</u> – less risk of mugging / more comfortable <u>Don't have to travel</u> to book shop /saves <u>travel time</u> / saves <u>travel costs</u> Disabled people can search for books more easily Can have a list of related or alternative books. Read many comments about the book / get a rating Easier to compare prices/delivery times/specifications Discounted products/ Cheaper products because do not need retail space Condone 'maybe cheaper' NOT Easier , Cheaper, Faster unless explain why ? Not Availability. <i>Any reasonable answer</i>	2
(g) Must be for the bookshop Send email to Customers Sell /order books online Get Reviews of books Set up forums where you can leave messages, or communicate directly with other bookshops Can find obscure books <i>if not used above</i> Chat lines to talk with anyone about a book Give out contact details/contact details Order from suppliers websites Research competitors prices Tell people about special offers Condone 'Advertise products online' for foundation only <i>Any reasonable answer</i>	1
6. (a) Membership No	1
(b) (i) 05/21/08 or wrong month or The date of membership of Kerry Jones or there are not 21 months in a year. Date format problems Not just 'the date' <i>Any answer that identifies the error</i>	1
(ii) Double entry / proof reading /Read it carefully <u>again</u> Range check on month Drop list on month Field properties to date format Not validation or verification	1
(c) Speciality + musician (Name of field + search criteria)	1
(d) Daniel Rogers / 095 /Daniel	1

Question		Max mark										
7. (a)	£2000 or 2000	1										
(b)	G2	1										
(c)	A or B2+C2+D2+E2+F2+G2+H2+I2 D or SUM(B2:I2)	1										
(d)	Pie	1										
(e)	<table border="1"> <thead> <tr> <th></th> <th>Tick two boxes</th> </tr> </thead> <tbody> <tr> <td>If the data changes the results of formulas could change</td> <td>✓</td> </tr> <tr> <td>Calculates data easily</td> <td></td> </tr> <tr> <td>Can be used to do investigations</td> <td>✓</td> </tr> <tr> <td>It is faster.</td> <td></td> </tr> </tbody> </table>		Tick two boxes	If the data changes the results of formulas could change	✓	Calculates data easily		Can be used to do investigations	✓	It is faster.		2
	Tick two boxes											
If the data changes the results of formulas could change	✓											
Calculates data easily												
Can be used to do investigations	✓											
It is faster.												
(f)	Difficult to understand / need training Formulas could be wrong / could be entered incorrectly -giving the wrong answer Idea of GIGO Entering the wrong data would give the wrong result <i>Not general answers like power cuts or viruses / hacking, etc.</i>	1										
8. (a)	1 mark for hazard 1 mark for prevention	2										

Health hazard	Prevention
Repetitive strain injury	Wrist and feet supports
Epileptic fits	Screens to reduce screen flicker
Radiation	Screen filters
Eye strain	Screen filters/ take regular breaks / have eyes at same level as screen / Adjust angle of screen /Eyes at safe distance
Headaches	Take regular breaks/ screen filters <i>Do not allow exactly the same as eye strain - must be the opposite answer</i>
Circulation problems	Take regular breaks
Back problems	Use <u>adjustable</u> chairs
'Sick building' syndrome	Better ergonomic design including lighting to reduce glare
<i>Not get fat / heart disease</i>	

Question

Max mark

- (b) (i) Network of networks
World Wide Web but NOT size or idea of a large network or international network
WAN / Wide Area Network
Not a use
Not search engine

1

- (ii) *Any three of: Only allow 1 example of each type.*

3

Pornography /adult sites	Spam/junk mail
Viruses	Hacking
Card fraud	Fake websites
Identity theft	Run up large telephone bills
Chat to 'dubious' people/paedophiles/grooming Not talk or chat to 'strangers' must be idea of a danger or problem. Not chat rooms.	Addiction
Cyberbullying	'Couch potato' syndrome / social isolation / too much time on-line
Terrorist sites	Racist sites
Violent behaviour due to online games	Phishing / Condone 'scamming'
Sites that promote suicide	Eating disorder sites
Gambling sites	

- 9.. (a) *Any reasonable answer*
Credit card
Debit card
Smart card/ top up card
Cash card
No brand names

2

- (b) Any three but **must be an activity:**
Transfer money/ send money to another account not 'place'
Pay bills
Change PIN
Order theatre tickets
Get top ups / top up mobile phones not 'top ups'
Get / see balance / print balance/balance enquiry
Print receipt /get receipt
Order cheque book
Order statement
Choose language
Give to charity
Print a mini statement
Deposit cash / Deposit cheques
Any reasonable answer

3

Question	Max mark								
10. (a) Working from home / remote location using a computer network NOT using a computer NOT telesales/telephone sales	1								
(b) Web cam / video camera / digital camera Microphone Network /WAN/ LAN – idea of connection between computers Condone 'router' but not 'modem' (too slow), Broadband modem OK Not 'Video links' Speakers /headphones Not 'camera' Not 'video' Not 'projector'	2								
(c) Lost jobs Retraining needed New jobs created Changes in working practise e.g. now use email Now have to have passwords and security NOT <i>teleworking and videoconferencing</i> <i>NO health issues</i> <i>Any reasonable answer</i>	2								
11.	2								
<table border="1"> <tbody> <tr> <td data-bbox="327 963 981 996">Icons</td> <td data-bbox="981 963 1268 996">✓</td> </tr> <tr> <td data-bbox="327 996 981 1030">What if investigations</td> <td data-bbox="981 996 1268 1030"></td> </tr> <tr> <td data-bbox="327 1030 981 1064">Favourite settings</td> <td data-bbox="981 1030 1268 1064">✓</td> </tr> <tr> <td data-bbox="327 1064 981 1108">Drawing graphs</td> <td data-bbox="981 1064 1268 1108"></td> </tr> </tbody> </table>	Icons	✓	What if investigations		Favourite settings	✓	Drawing graphs		
Icons	✓								
What if investigations									
Favourite settings	✓								
Drawing graphs									
Total	60								