AQA

ASSESSMENT and
QUALIFICATIONS
ALLIANCE

General Certificate of Secondary Education

Information and Communication Technology 3527F Short Course
Specification A

3527/F   Foundation Tier

Mark Scheme

2009 examination - June series

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination.   The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for.   If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

It must be stressed that a mark scheme is a working document, in many cases further developed and expanded on the basis of candidates' reactions to a particular paper. Assumptions about future mark schemes on the basis of one year's document should be avoided; whilst the guiding principles of assessment remain constant, details will change, depending on the content of a particular examination paper.

Further copies of this Mark Scheme are available to download from the AQA Website: www.aqa.org.uk

1	(a)	B E H	Any 2 x 1	Correct answer only	2
1	(b)	D G	Any 1 x 1	Correct answer only	1
1	(c)	A C		Correct answer only	2
1	(d)	F		Correct answer only	1
2	(a)	D		Correct answer only	1
2	(b)	A		Correct answer only	1
2	(c)	B		Correct answer only	1
2	(d)	C		Correct answer only	1
3	(a)	D		Correct answer only	1
3	(b)	E		Correct answer only	1
3	(c)	B		Correct answer only	1
4	(a)	G		Correct answer only	1
4	(b)	B		Correct answer only	1
4	(c)	F		Correct answer only	1
4	(d)	A		Correct answer only	1
5	(a)	C		Correct answer only	1
5	(b)	B		Correct answer only	1

6
    Forward 6
    Right 90
    Forward 6   1
    ******************* Complete this section
    Right 90
    Forward 4
    Right 90
    Forward 4
    ******************* Complete this section   1

    Left 90
    Forward 2
    Right 90
    Forward 2
    ******************* Complete this section   1

7		**Mark only the first four fields. Do NOT count those below,**		
		NOT "Surname, First name, Address1, Address 2, Address 3 as already given in the question. Or street, town, city etc.		

Ignore correct duplicate fields e.g. 3rd telephone number – these do not count in the FOUR

Title	at least 3
Postcode	at least 7
(or clear 3box gap 3 box)	
Telephone number (day)	at least 11
Telephone number (evening)	at least 11
Contact tel. Number	at least 11
Mobile tel. Number	at least 11

NOTE MAX TWO TELEPHONE NUMBERS

Fax number	at least 11
E-mail address at least 20(sensible splits)/memo	
Date of Birth	at least 8(2-2-2/4)
Date of registered	at least 8(2-2-2/4)
Favourite genreat least 10/list at least 3 options	
Machine owned	at least 10
Signature	memo
Photo	suitable box

Not gender

NB – could use the date at end of form

Boxes only unless memo specified

[_] – open boxes are OK – boxes with small vertical lines are OK but dashes are NOT.

Memo = lines/dashes/large box/dots   IGNORE FILLING IN

Tick correct field name – do not penalise lack of capitals

Tick correct no. of boxes/memo field for corresponding field name.

Count ticks - divide by 2 - round down

Count ticks - divide by 2 - round down

MAX 3 marks

3

8	(a)	Larger text		
		Bold text		
		Centre text	Any 1 x 1 mark	1

8	(b)	• Underline/italic		
		• Bullet points/numbering		
		• Text font type changed/Word art used		
		• Coloured(text)/highlight colour		
		• Tab		
		NB – cannot repeat any answer their answers from (a)		
			Any 1 x 1 mark	1

4

8	(c)		• Picture/clipart added/graphic/logo • Drawing tools/auto shape • Tables • Font size made smaller • Text boxes • Borders/Border Art • Background – (pattern/shade/watermark)/colour • Text right justify • Change the line spacing • Template **Not just font by itself – or just change font.** ***** Cannot use any repeat answers from their answers to parts (a) or (b) in section (c)** ***** Can use answers from (a) or (b) in part (c) if not repeats from their answer to part (a) or (b).** ***** One bullet point can only score one mark.** **1 mark each for feature** Any 3 x 1 mark	3
9	(a)		A Correct answer only	1
			H Correct answer only	1
9	(b)		E Correct answer only	1
9	(c)		B or I Correct answer only	1
10			• Far fewer/scarcer access to Internet/computers • Relatively high cost of Internet/computers/don't have much money • Might not know how to "order-on-line" • Postal service is expensive/unreliable • Delivery subject to "corruption" • Dangers from hackers/viruses/money transfer issues • Might not trust company / concern about credit card fraud • Customers might not have credit cards / bank accounts • Many never have seen the goods (not local stores), this makes it harder to order on-line • Language barrier • Company may not know enough about the demand for the product they are thinking of selling. • Trade barriers Any 3 x 1 mark	3
11	(a)		Stock number Correct answer only	1
11	(b)	(i)	It has the same key field as a book already in the list / key field must be unique/ (Stock) Number has already be used for 'The End' (another record)	1
11	(b)	(ii)	Set up an auto key field generated by the computer Set up a suitable data validation routine (suitable description). Set up a primary key **Not verification** Any 1 x 1 mark	1
11	(c)	(i)	Number in stock -3 (below zero) / cannot have a negative number in stock/ impossible value	1

11	(c)	(ii)	Data validation	Correct answer only	1
11	(d)	(i)	A1013 A1024 (ignore, . space ok)	Correct answer only	1
11	(d)	(ii)	A1035	Correct answer only	1
12	(a)		Spreadsheet	Correct answer only	1
12	(b)		D11	Correct answer only	1
12	(c)		Currency	Correct answer only	1

12 (d)   =sum(D5:D13)
allow D14 or D15 instead of D13
= D5+D6+D7+D8+D9+D10+D11+D12+D13 (+D14+D15)
allow = sum(D5+D6+D7+D8+D9+D10+D11+D12+D13) (+D14+D15)
allow = D5+D6+D7+D8+D9+D10+D11+D12+D13 (+D14+D15)
allow with no = sign   1

12 (e)   Reduce the cost of any item/
Reduce the number bought/
Take out an item
****
Check to see if the costs are now within budget/validation
****
If not- continue to reduce ………/ process is cyclic
NOT vague statements such as "change"   Any 2 x 1 mark   2

13 (a)   Regular breaks/walk around/relaxation techniques/fresh air/change
task so not on computers
Defused/ suitable/ambient lighting in room/use of blinds
Adjust monitor distance/brightness/anti-glare screen/screen filters
Visit doctor/eye test/wear glasses if needed
                                                        Any 2 x 1 mark   2

13 (b)   Back/Neck pain/problems
Headaches/ migraine
Wrist problems/Carpel Tunnel Syndrome/RSI(finger problems)
Possible radiation from monitor
Possible epilepsy
Stress
                                                        Any 2 x 1 mark   2

14	(a)	**Items need not be in the order given below (but must be grouped as given)**

- ignore spelling mistakes, capitals & wrong tel no.
- ok, with or without the words Date, Where etc.
- does not need title General Details

Name of musical	**Admission**	
Grease	Adults	- £3
	Child/OAPs	- £1.50	1

General Details

Dates	- 23rd to 25th June 2009	

Dates - 23rd to 25th June 2009
Where - Lancre School Hall
Time - 7 pm
Ring Lancre 01238 767676 for more details   1

Good/Reasonable layout
- at least 5 entries **-** some attempt at positioning (not take much)   1

14 (b) **The indication must be clear to get the mark.**
- An arrow pointing at where the feature would be used
- Written next to the feature /place to be used
- Written in words as to where the feature will be used

Coloured text
- indicate any of the following:-
- could be a repeat of above   1
headings/date/where/time/price/tel no.any "block of details"

Importing clip-art
- indicate any suitable placing (of pic/logo
- must say what the picture is (not just the word picture)
- one picture is enough (sensible picture -   accept most)
- sensible position (accept most)   1

14 (c) **Coloured text   - reason for coloured text**
- Looks more attractive/interesting
- Looks more professional
- Makes text stand out/grabs peoples attention
- Clearer to read   1

Importing clip-art   - reason for use of clip-art
- Looks more attractive/interesting
- Produces professional layouts
- Produces interesting layouts
- Grabs peoples attention
- Shows people what is happening   1

15 (a) **Sending** a text **message/information**
/attachment/file/picture

Over a **communications network**
LAN/WAN/Internet /WAP phone/between computers/online
NOT just electronic-mail
Both parts for the mark   1

15	(b)		Click the reply button on an e-mail received from this supplier		
				Correct answer only	1
			Use the address book set up in the e-mail software		
				Correct answer only	1

15	(c)		Quicker/faster		
			Same delivery time anywhere in the world		
			Free/cheaper to send than paying postage/send attachments at no extra cost.		
			Less chance/won't get lost		
			Send to many people at the same time		
			Check/send when ready/immediately/any time (not when post is collected)		
			Check/pick up e-mails from most places/anywhere (World wide)		
			Don't have to leave the house to send it.		
			NOT – does not need the receiver to be there		
				Any 2 x 1 mark	2

15	(d)		• PC broken, then no e-mail can be sent or received		
			• Internet down, then no e-mail can be sent or received		
			• Problems with hackers		
			• Problems with viruses		
			• Need a computer		
			• Cannot send physical objects/packages		
			NOT SPAM	Any 1 x 1 mark	1

16	(a)		PC – (any suitable associated hardware such as mouse/ keyboard/memory stick, external hard drive)		
			Projector Electronic/Interactive whiteboard		
			Speakers Screen		
				Any 2 x 1 mark	2

16	(b)		• Can use sound		
			• Can use video clips /film/animation		
			• More interesting / grabs the audiences attention / use a range of learning styles means they remember more		
			• Easier/quicker to back and review after questions/ at own pace		
			• Can see what the college/facilities actually looks like in much more detail.		
			NOT just save or reuse. Not just easier to change (also apply to leaflet)		
				Any 2 x 1 mark	2

16	(c)		• Students can take the leaflet away with them/ refer to later		
			• Could be given to absent students/others not in the room		
			• College would not have to set up hardware for presentation.		
			• Hardware /electrical problems		
				Any 1 x 1 mark	1

| 17 | (a) | | Edit number scales on the axis | Correct answer only | 1 |
| | | | Construct bar charts from tables of data | Correct answer only | 1 |

| 17 | (b) | (i) | **Text /links** to other pages / website | | 1 |

| 17 | (b) | (ii) | An **area/image/symbol** which provides links to other pages /website | | 1 |

17	(c)	Add/delete pages Set up styles/house styles/templates/Master page Edit/ change links /show links Allow DTP features e.g. pictures, fonts, banners, marquis, rollovers, spellchecker	Any 1 x 1 mark	1

18 (a)
- Can choose the most suitable day for the appointment
- Can choose the most suitable time of the day for the appointment

NB – choose own appointment gets 1 mark only if neither of the above are clear.

- Can see which days/times are available/fit around other activities
- Certain to be able to attend
- Easier/faster to change appointments
- Can book 24/7 / i.e. anytime

Any 2 x 1 mark 2

18 (b) Need to have a computer / internet access/powercut/computer problems/ cannot use computer
Need to be "happy" with using a computer
Possible dangers from hackers / viruses
Physical problems with using a computer
Identity theft concerns
NOT financial worries / fraud

Any 1 x 1 mark 1