2012 Computing Studies

Intermediate 1

Finalised Marking Instructions

Part One: General Marking Principles for Computing Studies – Intermediate 1

This information is provided to help you understand the general principles you must apply when marking candidate responses to questions in this Paper. These principles must be read in conjunction with the specific Marking Instructions for each question.
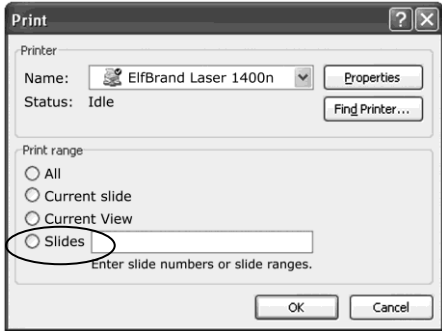
(a) Marks for each candidate response must <u>always</u> be assigned in line with these general marking principles and the specific Marking Instructions for the relevant question. If a specific candidate response does not seem to be covered by either the principles or detailed Marking Instructions, and you are uncertain how to assess it, you must seek guidance from your Team Leader/Principal Assessor. You can do this by posting a question on the Marking Team forum or by e-mailing/phoning the e-marker Helpline.

(b) Marking should always be positive ie, marks should be awarded for what is correct and not deducted for errors or omissions.

(c) If a candidate has attempted both optional sections you must mark both sections.

(d) If a candidate ticks more than one box in a multiple choice question and if one answer is correct the candidate is awarded ZERO marks.

Part Two: Marking Instructions for each Question

Section I

Question			Expected Answer/s	Max Mark	Additional Guidance
1	**a**		Speakers, Sound Card	**1**	
1	**b**	**i**	Not enough storage capacity (on CD to hold files)	**1**	No marks for use of 'memory' in place of storage
1	**b**	**ii**	Use higher capacity backing storage OR Candidate can name an appropriate device eg DVD/USB flash/pen drive/portable hard disk OR Compress files	**1**	No mark for USB on its own
1	**c**	**i**	<u>Text</u> (tool)	**1**	No other answer
1	**c**	**ii**	1. Select/Highlight/Group the text (object) 2. Rotate	**2**	1 mark for each
1	**c**	**iii**	Graphics or Video card	**1**	No other answer
1	**d**	**i**	<table><tr><td>**Description**</td><td>**File Type**</td></tr><tr><td>**MegaMix CD cover**</td><td>**jpg**</td></tr><tr><td>Letter to record company</td><td>txt OR rtf .txt OT .rtf</td></tr><tr><td>MegaMix Audio Track</td><td>mp3 OR wav .mp3 OR .wav</td></tr></table>	**2**	1 mark for each. Also accept: • appropriate other file types for text and sound • text No mark for video file types
1	**d**	**ii**	Rename files OR Organise into named folders	**1**	

Question			Expected Answer/s	Max Mark	Additional Guidance
2	**a**		<table><tr><td>Amount of backing storage required</td><td>1.5 Gb</td></tr><tr><td>Amount of memory required</td><td>512 Mb</td></tr></table> **Must include units and both correct for 1 mark**	**1**	No other answer
2	**b**		Indication of <u>backup</u> copy/second copy	**1**	
2	**c**		Trackpad, Touchpad OR Touchscreen OR Nipple OR Microphone	**1**	Accept if candidate answers using new movement sensing technology
2	**d**	**i**	7 OR Seven	**1**	No other answer
2	**d**	**ii**	1. Can't Stop Crying 2. Sleep Now	**2**	1 mark for each No other answer
2	**d**	**iii**	2 OR Two	**1**	No other answer

Question			Expected Answer/s	Max Mark	Additional Guidance
3	a	i	Presentation package OR Web Authoring OR Multimedia	1	**No trade names** eg PowerPoint
3	a	ii	Transition	1	No other answer
3	b		• Sound/audio • Video • Animation (text effects, transitions) • Appearance Changes (colour, font, border etc) • Hyperlink	2	1 mark per bullet point (ie do not award 2 marks for two examples of sound)
3	c		• Insert the graphic • Hyperlink	2	1 mark per bullet point
3	d		Data projector OR Digital projector OR Plasma screen	1	Not 'projector' on its own
3	e		 Circle must include radio button with title Slides. Also accept slide range 6-9 written in box beside Slides radio button.	1	Also accept if circle also includes box.

Question			Expected Answer/s	Max Mark	Additional Guidance
3	**f**	**i**	(Nite) not in the <u>dictionary</u>	**1**	Answer must mention <u>dictionary</u>
3	**f**	**ii**	• Text Wrap • Format Graphic • Watermark • Layering	**1**	1 mark for any bullet point Do not accept behind text alone
3	**f**	**iii**	• Duplicate/Copy&Paste graphic • Flip graphic	**2**	1 mark for each bullet point Do not accept Cut and Paste
3	**g**		<u>Decrease</u> the Page Margins OR <u>Increase</u> the Line Length OR Change Page Size OR Remove Header & Footer	**1**	No mark for changing page orientation
3	**h**		<u>Advantage</u>: Faster to enter text OR Saves retyping OR Can edit text <u>Disadvantage</u>: Might not recognise handwriting OR Might scan words incorrectly OR Need extra hardware and software	**2**	Need one advantage (1 mark) and one disadvantage (1 mark) For advantage do not accept faster on its own

Question			Expected Answer/s	Max Mark	Additional Guidance
4	**a**		Text OR Labels OR Values OR Numbers OR Graphics OR Date	**1**	
4	**b**		SUM	**1**	No other answer
4	**c**		Select/click row (1 mark) increase the row height (1 mark) OR Select/click column C (1 mark) increase width (1 mark) OR Select/click cell (1 mark) reduce font size (1 mark) OR Select/click on line between rows 10 & 11 (1 mark) and drag down (1 mark) OR Select/click on line between columns C & D (1 mark) and drag down (1 mark)	**2**	For each method: 1 mark for selection 1 mark for row/column/cell/text size change (method not important as long as it works)
	d		☐ ☐ ☐ ■ Values in cells D5, D9 and D13 increase.	**1**	No other answer
4	**e**		Bold OR Italic OR Currency OR Centered	**1**	
4	**f**		Insert new row	**1**	
4	**g**		Wizard	**1**	No other answer

Section II – Part A – Computers and the Internet

Question			Expected Answer/s	Max Mark	Additional Guidance
5	a		Computer which controls the running of a network	1	
5	b		☐ ☐ ☐ ■ Modem	1	No other answer
5	c	i	Touchscreen OR Directional Pad OR Touchpad	1	Do not accept stylus/finger as they are not the input device
5	c	ii	Advantage: Increased processing power/memory/backing storage, larger screen size, full applications available Disadvantage: Less portable, smaller screen size, less robust, shorter battery life	2	Note: Different reasons must be given for the advantage and disadvantage. For example, stating "increased processing power" as advantage and "decreased processing power" as disadvantage would be awarded only 1 mark.
5	d		Data can be changed/deleted from a CD-RW disk, (a CD-R can't be edited) OR CD-RW can be written to several times	1	Answer must include concept of editing deleting data on CD-RW. At Int 1 level ignore that fact that a CD-R may be written to several times in different sessions.
5	e		Spreadsheet or Database	1	No trade names allowed
5	f		Digital Camera	1	No other answer as question states "most suited"
5	g	i	ISP subscription, call charges, maintenance, helplines, updating hard/software, electricity	2	Can also accept more technical answers if given eg server rental, data charges (cost for uploading / downloading)

Question			Expected Answer/s	Max Mark	Additional Guidance
5	**g**	**ii**	To protect customers payment/ bank details/data OR Prevent hacking OR Prevent theft	**1**	
5	**h**		■ 4 Gb RAM, 512 Gb Hard Disk Drive and a large LCD monitor ☐ ☐ ☐	**1**	No other answer

Question			Expected Answer/s	Max Mark	Additional Guidance
6	**a**	**i**	Evaluation	**1**	No other answer
6	**a**	**ii**	Design	**1**	No other answer
6	**b**		☐ ☐ ■ Home page ☐	**1**	No other answer
6	**c**		Members given Username **and** Password OR Members must logon	**1**	Both username and password needed
6	**d**		Broadband OR ADSL	**1**	
6	**e**	**i**	Not enough hard disk space OR Only 2 Gb of HDD space available OR Software requires 3Gb of backing storage	**1**	
6	**e**	**ii**	Delete unwanted files OR Install additional HDD/ Install larger HDD OR Compress current files	**1**	If candidate gives alternate answer for (i) then do not double penalise if correct
6	**e**	**iii**	☐ ☐ ■ 19" LCD ☐	**1**	No other answer

Section II – Part B – Information and the Internet

Question			Expected Answer/s	Max Mark	Additional Guidance
5	a	i	Graphic	1	No other answer
5	a	ii	Add a new field to the database	1	No other answer
5	a	iii	• Complex Search or Search with AND • 16 in Age Field • Music in Groups Field OR • Query with AND • 16 in Age Field • Music in Groups Field	3	1 mark for each bullet point
5	a	iv	An explanation that the value 15 has meaning	1	Ensure candidates link answer to question. eg 'Information has meaning' or data does not have meaning' would not get a mark
5	b	i	Data Protection (Act)	1	Both words required No mark for DPA
5	b	ii	Password protect files OR add password	1	Do not penalise candidates who write username & password
5	c	i	☐ ☐ ■ Public and Manual ☐	1	No other answer
5	c	ii	Search facility, up-to-date, easier to update/edit, no physical storage space required, hyperlinks	1	
5	d	i	■ It allows a computer to send and receive data via a telephone line ☐ ☐ ☐	1	No other answer
5	d	ii	Customers bank/payment/data details may be stolen	1	

Question			Expected Answer/s	Max Mark	Additional Guidance
6	**a**		☐ ■ Satellite ☐ ☐	**1**	No other answer
6	**b**		Internet Service Provider	**1**	All three words required No other answer
6	**c**	**i**	☐ ☐ ☐ ■ List the main topics that will be covered by the website	**1**	
6	**c**	**ii**	Design	**1**	No other answer
6	**d**		Copyright, Design and Patents (Act)	**1**	Complete answer required
6	**e**		Test links OR layout of page elements OR Meets disability Act regulations	**1**	
6	**f**		Internet	**1**	No other answer
6	**g**		Computer Misuse (Act)	**1**	Both words required No other answer

[END OF MARKING INSTRUCTIONS]