



2013 Computing Studies

Intermediate 1

Finalised Marking Instructions

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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 always 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.

GENERAL MARKING ADVICE: Computing Studies Intermediate 1

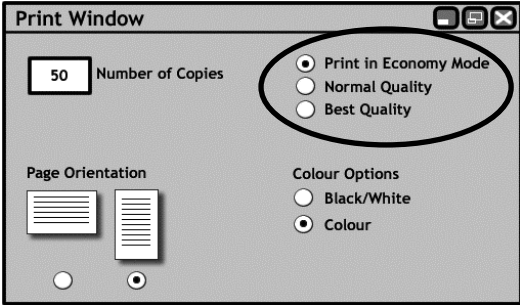
The marking schemes are written to assist in determining the “minimal acceptable answer” rather than listing every possible correct and incorrect answer. The following notes are offered to support Markers in making judgements on candidates’ evidence, and apply to marking both end of unit assessments and course assessments.

- a. Marks for each candidate response must always 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 1

Question			Expected Answer/s	Max Mark	Additional Guidance
1	a	i	Right	1	No other answer
1	a	ii	Crop	1	No other answer
1	b	i	Digital Camera	1	No other answer
1	b	ii	<input checked="" type="checkbox"/> jpeg	1	No other answer
1	b	iii	Compress the files	1	Reduce Resolution Reduce colour depth Save as a different file type
1	c		Source pictures (Internet, clipart, take photo, saved file) – 1 mark Insert/Add/Copy & Paste/Import – 1 mark	2	
1	d	i	Microphone & Sound Card 1 mark each	2	No other answers
1	d	ii	<input checked="" type="checkbox"/> use voice recognition software	1	No other answer
1	e		Transition	1	No other answer

Question		Expected Answer/s	Max Mark	Additional Guidance
1	f	Graphics Card	1	No other answer
1	g	Save the file	1	No other answer
1	h i	USB Flash Drive	1	CD-R, CD-RW, DVD-R, DVD-RW, External Hard Drive
1	h ii	Bits, bytes, Kb, Mb, Gb, Tb	1	No other answer
1	i	Data/digital Projector	1	No mark for “projector” on its own
1	j		1	A circle round “Print in Economy Mode” only or the radio button should also be awarded a mark

Question			Expected Answer/s	Max Mark	Additional Guidance
2	a		<input checked="" type="checkbox"/> Spreadsheet	1	No other answer
2	b	i	=B4-C4	1	Must have = sign
2	b	ii	Highlight cells D4 to D10 1 mark Select Fill Down (Replication) 1 mark	2	Description of fill down (eg select corner of box and drag down) would be 1 mark
2	c		Currency	1	No other answer
2	d		SUM	1	No other answer
2	e	i	<input checked="" type="checkbox"/> duplicate then scale	1	No other answer
2	e	ii	Vector OR Drawing	1	Object Orientated,
2	e	iii	Group (the shapes)	1	Select all the objects
2	f	i	<input checked="" type="checkbox"/> easier to position text and graphics	1	No other answer
2	f	ii	Template	1	No other answer
2	f	iii	Landscape	1	No other answer

Question			Expected Answer/s	Max Mark	Additional Guidance
3	a		Keyboard	1	No other answer
3	b	i	Bold	1	
3	b	ii	Bullet Points/Numbered List	1	
3	c		Correct order is: Insert Amend Delete	2	No other answer 3 correct = 2 marks 2 correct = 1 mark <2 = 0 marks
3	d		The word is not in its dictionary	1	Spell checker set in another language
3	e		<input checked="" type="checkbox"/> she has changed the page margins	1	No other answer
3	f		512Mb	1	Units required for a mark
4	a		Text	1	No other answer
4	b		<input checked="" type="checkbox"/> Search on the Single Room field for <100 and Sort on the Breakfast field	1	No other answer
4	c		<input checked="" type="checkbox"/> modem	1	No other answer

Section 2 – Part A Computers and the Internet

Question		Expected Answer/s	Max Mark	Additional Guidance								
5	a	Computers (and devices) linked/joined/connected together	1									
5	b	Database software	1									
5	c	<table border="1"> <thead> <tr> <th>Stage</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>1. <u>Analysis</u></td> <td>The content of the web page is agreed</td> </tr> <tr> <td>2. <u>Design</u></td> <td>Sketch the layout of each page showing the elements</td> </tr> <tr> <td>Evaluation</td> <td>3. <u>Check that the site fulfils the specification</u> OR <u>Check that the site fulfils the clients needs</u> OR <u>Checks to see if the finished website needs any changes made</u></td> </tr> </tbody> </table>	Stage	Action	1. <u>Analysis</u>	The content of the web page is agreed	2. <u>Design</u>	Sketch the layout of each page showing the elements	Evaluation	3. <u>Check that the site fulfils the specification</u> OR <u>Check that the site fulfils the clients needs</u> OR <u>Checks to see if the finished website needs any changes made</u>	2	<p>Must get both (Analysis & Design) for 1 mark</p> <p>1 mark Identifying improvements</p>
Stage	Action											
1. <u>Analysis</u>	The content of the web page is agreed											
2. <u>Design</u>	Sketch the layout of each page showing the elements											
Evaluation	3. <u>Check that the site fulfils the specification</u> OR <u>Check that the site fulfils the clients needs</u> OR <u>Checks to see if the finished website needs any changes made</u>											
5	d	Homepage/first page/main page	1									
5	e	Incorrect competitor number entered OR Not yet registered – no competitor number/account yet.	1									
5	f	USB cable OR wireless signal OR data card reader	1	Also accept Bluetooth USB on its own 0 marks								
5	g	Speed of printing OR Ink won't run with laser		Not Quality or Resolution								

Question		Expected Answer/s	Max Mark	Additional Guidance									
5	h	Take (regular) back-up copies	1	Can indicate storage is separate/elsewhere									
5	i	<table border="1"> <tr> <td></td> <td>Laptop</td> <td>Palmtop</td> </tr> <tr> <td>Input Devices</td> <td>keyboard OR trackpad OR mouse</td> <td>touch screen OR onscreen keyboard</td> </tr> <tr> <td>Portability</td> <td>Large may be heavy to carry</td> <td>Small carry in hand</td> </tr> </table> <p>All 4 = 2 marks 2/3 = 1 mark <2 = 0 marks</p>		Laptop	Palmtop	Input Devices	keyboard OR trackpad OR mouse	touch screen OR onscreen keyboard	Portability	Large may be heavy to carry	Small carry in hand	2	Do not accept touchpad for palmtop
	Laptop	Palmtop											
Input Devices	keyboard OR trackpad OR mouse	touch screen OR onscreen keyboard											
Portability	Large may be heavy to carry	Small carry in hand											

Question			Expected Answer/s	Max Mark	Additional Guidance						
6	a		Allows a computer to be connected to a network	1							
6	b	i	1. (Upgrade to) broadband connection 2. (up to date) browser	2							
6	b	ii	<input checked="" type="checkbox"/> Communication software	1							
6	c		<table border="1"> <thead> <tr> <th>Cost</th> <th>Type of cost</th> </tr> </thead> <tbody> <tr> <td>Monthly payment to an ISP</td> <td>Running</td> </tr> <tr> <td>Buying a modem and router</td> <td>initial</td> </tr> </tbody> </table>	Cost	Type of cost	Monthly payment to an ISP	Running	Buying a modem and router	initial	2	
Cost	Type of cost										
Monthly payment to an ISP	Running										
Buying a modem and router	initial										
6	d	i	Operating System OR System Software	1							
6	d	ii	Moving files into suitable folders OR Renaming files to mean something OR Making new folders to store files in OR Sort files into an order	1	Any one for 1 mark						
6	d	iii	It is storing data created by user from application packages (document) OR It is a data file	1							

Section 2 – Part B Information and the Internet

Question			Expected Answer/s	Max Mark	Additional Guidance				
5	a		Fast searching OR Fast sorting OR Ease of editing OR Access from multiple computers	1	Any reasonable advantage of computerisation				
5	b		Computer Misuse (Act)	1					
5	c		<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Data</td> <td>4579HM</td> </tr> <tr> <td>Information</td> <td>Sheila McKenzie OR 400m Hurdles OR 25/05/2012</td> </tr> </table> <p>1 mark for each example</p>	Data	4579HM	Information	Sheila McKenzie OR 400m Hurdles OR 25/05/2012	2	Information included in the table MUST come from the example
Data	4579HM								
Information	Sheila McKenzie OR 400m Hurdles OR 25/05/2012								
5	d	i	<input checked="" type="checkbox"/> Cost of technical helpline	1					
5	d	ii	Install filtering software	1					
5	d	iii	Shopping OR Advertising OR Leisure OR Education OR News	1					

Question			Expected Answer/s	Max Mark	Additional Guidance
6	a	i	Numeric	1	Accept Number/Numerical
6	a	ii	Graphics field	1	Accept also container, multimedia, OLE, image
6	b		Search/Query with the AND (Must have AND joining 2 fields (AND can be attached to either SEX or COMPETITION)) 1 mark Field Sex = F 1 mark Field Competition = High Jump 1 mark	3	Accept Complex Search in place of AND
6	c		Entering Result: form OR card OR record format Displaying Results: list OR table format	2	1 mark 1 mark
6	d		Can access from any computer OR Several people can view database at same time OR If one computer is broken can access from another	1	Any 1 advantage
6	e	i	<input checked="" type="checkbox"/> Public and manual	1	
6	e	ii	Directory on Internet/local database	1	Yellow pages online
7	a		Analysis Design	1	Must get both for 1 mark
7	b		Documentation	1	
7	c		Pages of information on the Internet	1	

[END OF MARKING INSTRUCTIONS]