



2015 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

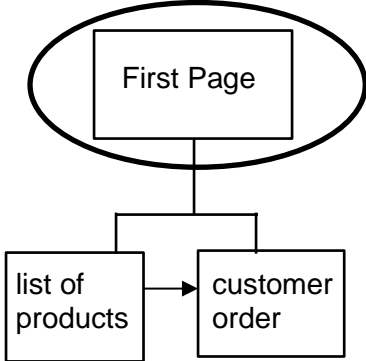
Question			Expected Answer(s)	Max Mark	Additional Guidance
1.	(a)		Desktop Publishing	1	No other answer
1.	(b)		<ul style="list-style-type: none"> Tutorial – <u>Teaches</u> users how to use the package/Tells user how to start using the software Help – To look up how to use a facility of the package. 	2	
1.	(c)	(i)	Digital camera	1	No other answer
1.	(c)	(ii)	Gif, jpeg, bmp, png	1	Any other suitable graphic type
1.	(c)	(iii)	Compress the files	1	No other answer
1.	(d)		<ul style="list-style-type: none"> Amended Inserted Deleted <p>All three – 2 marks One correct – 1 mark</p>	2	Note – 3. Could also be amended as the title graphic has been changed.
1.	(e)	(i)	Hard Disk Drive	1	USB Flash Drive DVD R/RW BLU-RAY/R/RW
1.	(e)	(ii)	Speakers	1	Sound card
1.	(f)		In case the originals are lost or damaged	1	

Question			Expected Answer(s)	Max Mark	Additional Guidance
2.	(a)		<ul style="list-style-type: none"> Automatic Calculation Easier and clearer to layout data 	1	Charting
2.	(b)		=AVERAGE(B4:B10) 1 mark for function 1 mark for range	2	
2.	(c)		Currency	1	
2.	(d)		<ul style="list-style-type: none"> Change of the width of the A column Text could be wrapped 	1	
2.	(e)	(i)	Chart	1	
2.	(e)	(ii)	Change the page orientation to landscape	1	
3.	(a)		Template	1	
3.	(b)		Microphone	1	Sound card
3.	(c)		Left (justified)	1	
3.	(d)		Bullet points	1	Indent, Tab, Centred, Numbered list
3.	(e)		Transition	1	
3.	(f)	(i)	Vector or drawing	1	
3.	(f)	(ii)	To make them behave as one shape	1	Accept an example (eg scale both objects together)

Question			Expected Answer(s)	Max Mark	Additional Guidance
3.	(f)	(iii)	Duplicate and flip	1	No other answer
3.	(g)		Scale	1	
3.	(h)	(i)	USB Flash Drive	1	Not: SD card/memory card/ external HDD
3.	(h)	(ii)	Location or Folder File Name	2	File type
3.	(i)		Graphics Card	1	No other answer
3.	(j)		<ul style="list-style-type: none"> • Sounds added to inside animation • Add recorded speech for text on slides • Button click sound 	1	Any other reasonable answer
4.	(a)		RAM	1	Random Access Memory
4.	(b)		Text	1	No other answer
4.	(c)		Skye has sorted the size field in descending order	1	No other answer
4.	(d)	(i)	<p>The contents are entered using a formula</p> <p>OR</p> <p>The field obtains its data using other fields</p> <p>OR</p> <p>The value is not entered by the user</p>	1	Do not accept "it does calculations"
4.	(d)	(ii)	Graphic	1	Multimedia, object, OLE, hyperlinks

Question			Expected Answer(s)	Max Mark	Additional Guidance
4.	(e)		Words not in dictionary	1	
4.	(f)	(i)	The processor speed	1	
4.	(f)	(ii)	Bytes, Kb, Mb, Gb	1	No other answer

Section 2 Part A – Computers and the Internet

Question			Expected Answer(s)	Max Mark	Additional Guidance
5.	(a)	(i)	To protect personal data (payment details)	1	
5.	(a)	(ii)	Random letters and numbers (third option)	1	
5.	(b)		First page – login 	1	
5.	(c)		Hyperlink	1	
5.	(d)	(i)	1. Analysis 2. Design	2	In this order 2 marks 1 mark for wrong order
5.	(d)	(ii)	<ul style="list-style-type: none"> Does it fulfil the specification How could it be improved 	1	

Question			Expected Answer(s)	Max Mark	Additional Guidance
6.	(a)		Scan it (use a scanner)	1	Take a picture with a digital camera
6.	(b)	(i)	Unable to use phone at the same time	1	
6.	(b)	(ii)	Satellite	1	
6.	(c)	(i)	Shawfair Graphics - 1 mark 1. not enough free hard disk space/needs 5 Gb free hard disk space 2. needs Reid OS 15 1 mark for both	2	Accept Package 1 1 mark for each reason
6.	(c)	(ii)	Systems software (option 3)	1	
6.	(d)	(i)	Batteries for when on the move/portable	1	
6.	(d)	(ii)	Touch pad	1	Nipple
7.	(a)	(i)	Company that provides access to the internet for customers	1	
7.	(a)	(ii)	<ul style="list-style-type: none"> Has to be paid continually Has to be paid when accessed 	1	
7.	(b)		Allows computer to connect to the internet	1	Transfer data
7.	(c)	(i)	Portability, fits in pocket, easier to carry	1	
7.	(c)	(ii)	Filtering software is blocking website	1	

Section 2 Part B – Information and the Internet

Question			Expected Answer(s)	Max Mark	Additional Guidance								
5.	(a)		Modem (first option)	1									
5.	(b)	(i)	<table border="1"> <thead> <tr> <th>Item</th> <th>Type of Cost (running or initial)</th> </tr> </thead> <tbody> <tr> <td>ISP subscription</td> <td>running</td> </tr> <tr> <td>Monthly payment for Virus and Firewall software</td> <td>running</td> </tr> <tr> <td>Purchase of communication software</td> <td>initial</td> </tr> </tbody> </table>	Item	Type of Cost (running or initial)	ISP subscription	running	Monthly payment for Virus and Firewall software	running	Purchase of communication software	initial	2	2 marks for all 3 1 mark for 2 0 marks if 1 or 0 are correct
Item	Type of Cost (running or initial)												
ISP subscription	running												
Monthly payment for Virus and Firewall software	running												
Purchase of communication software	initial												
5.	(b)	(ii)	Browser	1									
5.	(c)		Laptop has filtering software installed	1									
5.	(d)		<p>Laptop contains personal data of customers eg email addresses which should be kept private</p> <p>OR an example Someone else has seen the data, when the room was being cleared</p>	1									

Question			Expected Answer(s)	Max Mark	Additional Guidance						
6.	(a)		<table border="1"> <thead> <tr> <th></th> <th>Name of stage</th> </tr> </thead> <tbody> <tr> <td>1)</td> <td>implementation</td> </tr> <tr> <td>2)</td> <td>testing</td> </tr> </tbody> </table>		Name of stage	1)	implementation	2)	testing	2	Must be in this order 1 mark for each
			Name of stage								
		1)	implementation								
2)	testing										
6.	(b)		User guide and technical guide	2	1 mark for each						
6.	(c)		<ul style="list-style-type: none"> • Able to search • Can include sound/video data explaining info 	1							
6.	(d)		<ul style="list-style-type: none"> • record • field • file 	3							
6.	(e)		<ul style="list-style-type: none"> • Computed field calculates cost of stay • Database uses other fields to calculate cost 	1	Accept number nights × cost per night						
6.	(f)		<p>Complex search on (1 mark for complex search or keyword AND)</p> <p>Date of Arrival = 01/07/2015 (1 mark)</p> <p>AND number of nights > 7 (1 mark)</p>	3							
6.	(g)	(i)	<ul style="list-style-type: none"> • Ease of editing • Deleting • Searching • Sorting 	1	Any one						
6.	(g)	(ii)	<ul style="list-style-type: none"> • It makes sense to Allan • It means nothing to the dog owners 	1							

[END OF MARKING INSTRUCTIONS]