

2011 Computing Studies Standard Grade – General Finalised Marking Instructions

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Part One: General Marking Principles for Computing Studies Standard Grade – General

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.
- (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 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. Alternatively, you can refer the issue directly to your Team Leader by checking the 'PA Referral' box on the marking screen.
- **(d)** Award one mark for each 'bullet' point where stated in the marking instructions.
- (e) On the MFI system, if a candidate has not answered or attempted a question a dash '-' must be placed in the mark column instead of a zero '0'.
- (f) When converting from Gigabytes/Megabytes/Kilobytes to bytes, '1024' is the only unit acceptable, eg 1024 bytes = 1 Kilobyte, 1024 Kilobytes = 1 Megabyte, 1024 Megabytes = 1 Gigabyte.
- (g) No piece of work should be ignored without careful checking. Candidates may have scored out an answer then written the correct answer at the back of the question paper. Make sure that every page is checked.
- (h) If the first answer has been scored out, but still readable, and not replaced by another answer, the question should be marked in the normal way. If you feel that a candidate has been disadvantaged by this action, make it a 'PA Referral'.
- (i) On the MFI system, if you come across a paper which is blank, scroll down to the end of the paper in-case the answers have been written on a separate piece of paper which will be scanned and added to the end of the on-screen paper.
- (j) Any references to trade names or commercial products, eg "Microsoft", "MSN", etc should be ignored, and then the rest of the answer should be marked. For example, if you received an answer "Microsoft Spreadsheet" then "Microsoft" would be ignored and "Spreadsheet" accepted, but "Microsoft Excel" would be ignored".

Part Two: Marking Instructions for each Question

Question		n	Expected Answer/s		Additional Guidance
1	а		Database, any one from: easy searching, easy to sort into order, charts, calculations Spreadsheet: Can do calculations (with money), charts, search & sort	2	Other answers must relate to question.
1	b		 circle (ellipse) rectangle (square) line pen/brush tool 	2	
1	С	i	Save money on postage or frequent updates can be sent Receive immediately	1	Possible other answers must refer to this event.
1	С	ii	 need to know email address need to have an email address 	1	Don't read emails Junk mail In box full Virus
1	C	iii	One from: Keep file size small as possible don't send loads of emails every day don't use capitals all of the time don't send more than one attachments at once.	1	Possible answers must relate to some form of netiquette.
1	d	i	Laser	1	No other possible answer
1	d	ii	Speed of printing (ppm)cost of doing so many	1	Don't accept quality!
1	е		Three main points covered from many:	3	No other possible answers
1	f	i	Broadband	1	No other possible answer
1	f	ii	Markup Language	2	No other possible answer
2	а		 Complex Search/Filter (1) Field Year = 'second (1) And Course = 'Computing' (1) 	3	Must use the word AND or complex along with field name to get third mark.

Question		on	Expected Answer/s		Additional Guidance
2	b		 Sort (1) Field = Date of birth (1) Descending/Z-A/10-1 (1) 	3	Proper field names must be used not just age.
2	С		Field types: one from Picture, graphic, ole, multimedia, container	1	Not data types eg bmp, jpg
2	d		Any two from: Adding graphics; adding video; adding sound; adding animation	2	change font and colour (1 mark) background colour (1 mark)
2	е		Hyperlink/hotspot	1	No other possible answer
2	f		Take a backup	1	Not put on a password
3	а		Word wrap, make column wider, make font size smaller Change font	1	wrap text NOT text wrap
3	b		=SUM(D5:D8) 1 for Sum, 1 for range	2	Only accept: or no symbol
3	С		=MAX(B5:B8) 1 for MAX, 1 for range	2	Accept maximum
3	d		Highlight cells (1) change format to currency (1)	2	Don't accept pound sign and two decimal paces
3	е		Online tutorial: concept of a lesson (1) Online help: concept of a quick reminder (1)	2	No marks for getting terms wrong way round
3	f		Cell protection/lock	1	
4	а		Interactive, not real time as user initiated.	1	No other possible answers
4	b		Unauthorised access	1	
4	С		To change the text into a code	1	
4	d		Check digits make sure the previous set of digits are read in correctly	1	Do not accept how check digits are created
4	е		Mainframe computer	1	No other possible answer
4	f		Any two from; Can use anywhere (in range), can add computers to network with ease, no trailing cables	2	Must be advantages of wireless

Question		on	Expected Answer/s	Max Mark	Additional Guidance
4	g		Any two from: Can see own information To get wrong information changed To claim compensation if you have suffered damage or distress from wrong information You can ask for junk mail not to be sent to your address	2	
5	а	i	Don't have to pick up dangerous, (heavy or obnoxious) items retrained health & safety	1	No other possible answers
5	а	ii	May lose their jobs	1	No other possible answers
5	b		Over a length of time they will save money May do a better job than humans Will work 24/7	1	No other possible answers
5	С		Any two from: To check the parts fit together To check the controlling program works correctly To check it is not too large to fit through gaps Safety	2	Must relate to designing of robot
5	d		Light guidance system	1	
6	а	i	Any two from: Written using 'English-like' words Problem oriented Needs to be translated Portable	2	No other possible answers
6	а	ii	Computers only understand machine code (binary) Computers do not understand English (commands)	1	No other possible answers
6	b		Any two from: Can work anytime he likes Does not need to travel Not interrupted by work colleagues Does not need to dress smart	2	Needs to be two distinct advantages
6	С		RAM	1	No other possible answers
6	d		FILM (1) TRANSISTOR (1)	2	No other possible answers
6	е		System analyst: checks/examines the present system & suggests improvements if needed/needs upgrading Network manager: Issues user names	2	No other possible answers

Question		n	Expected Answer/s		Additional Guidance
7	а		 font (size, colour, style) graphics/pictures (border) alignment add heading 	2	Must be two distinct changes
7	b		Ease of reading (1) ease of altering contents (1) Sort in order Add columns & rows	2	
7	С	i	Scanner	1	No other possible answers
7	С	ii	Rotate (picture/graphic) Flip	1	No other possible answers
7	d		Bob was already in dictionary, Karl was not in dictionary Computer did not recognise Karl	1	
7	е		Any two from: Already typed out Spelling corrected Save time – justify Used over & over again	2	No other possible answers
7	f		In search box put 'Zeshan' (1) In replace box put 'Zeeshan' (1)	2	Search & Replace or Find & Replace or Find & Change 1 mark

[END OF MARKING INSTRUCTIONS]