

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY

0417/32

Paper 3 Spreadsheets and Website Authoring

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MARK SCHEME

Maximum Mark: 70

Published

This mark scheme contains the instructions and marking guidance that our examiners used to mark candidate responses for this component.

Before they start marking, examiners complete a standardisation process. They review a range of candidate responses and discuss the mark scheme in detail to agree which answers can and cannot be accepted. Examiners award marks where it is clear that candidate responses have met the requirements of the mark scheme. These requirements may vary between different components or different versions of the same component, depending on the exact requirements of the question and the candidate responses seen during the standardisation process.

Sometimes, our mark schemes may allow marks to be awarded to responses which contain elements that are factually incorrect or for content not covered by the syllabus. We do this in response to the demands of a specific question to support candidates and make sure that our assessments are fair. However, these allowances should not be used as a guide for teaching and learning.

We cannot discuss the mark scheme with schools, and we recommend that schools read the mark scheme together with the assessment material and the Principal Examiner Report for Teachers.

This document consists of **7** printed pages.

General marking principles

All examiners must apply these marking principles when marking candidate responses.

1	Examiners must award marks for each response in line with: - the specific content defined in the mark scheme - the specific skills defined in the mark scheme or in the level descriptions - the standard of response required as exemplified by the standardisation scripts.
2	Examiners must award whole marks (not half marks, or other fractions).
3	Examiners must award marks positively . This means that: - marks are not deducted for errors or omissions - marks are awarded for correct/valid answers as defined in the mark scheme and also for other valid answers which go beyond the scope of the syllabus and mark scheme referring to your team leader as appropriate - the quality of spelling, punctuation and grammar are judged only when the mark scheme indicates that these features are specifically assessed in the question. However, the meaning of all responses must be unambiguous.
4	Examiners must consistently apply the requirements of the mark scheme and any rules for what to do when candidates have not followed instructions correctly.
5	Examiners must use the full range of marks defined in the mark scheme, unless limited by the quality of the candidate responses seen.
6	Examiners must award marks according to the mark scheme and must not award marks with grade thresholds or grade descriptions in mind.

Over-riding rules for marking Spreadsheet tasks

Do not award marks for the superfluous use of functions.

Do not award marks where formulae have been placed in incorrect cells, except in scripts where an incorrect number of row(s) and / or column(s) have been inserted and / or deleted.

Do not award marks for cell enhancement / formatting if additional / inappropriate cells are formatted.

Only award formula printout marks if at least one formula is displayed.

Over-riding rules for marking web page tasks

Only mark tags in the head section between <head> and </head>

Do not award Cascading Stylesheet (CSS) marks if CSS includes any HTML or scripting language.

Do not award marks for alternative tags if a tag had been specified in the question paper.

Do not award style marks, such as <h1> and <p>, if they contain attributes that would change style of the text.

Task 2 – Spreadsheet

Question	Answer	Marks
1	Text Details by: with space then name, centre and candidate number right aligned in footer.	1
2	A1:C1, A6:C6, A12:B12, A17:E17 merged and centred ...	1
	... with large white text on grey background	1
	Cells A3:B3, A4:B4, C18:E18 merged	1
	Cells A18:A19 and B18:B19 merged ...	1
	... and wrapped as shown	1
	Cells A3:B4, A7:A10 right aligned ...	1
	A3:B4, A18:B19, C18:E18 bold	1
	C7:C8 left aligned ...	1
	...other cells centre aligned vertically and horizontally	1
	All currency values in \$ with 2 decimal places	1
3	Doors table (numeric) data sorted on Wall space ...	1
	... ascending order with data integrity maintained	1
4	Named range door created ...	1
	... for cells A20:E29 only	1
5	Cell B7 =VLOOKUP(...)	1
	... C3 ...	1
	... ,door ...	1
	... ,1 ...	1
	... ,1	1
6	Cell B8 =VLOOKUP(B7,door,2,0)	1
7	Cell B9 =C4	1

Question	Answer	Marks
8	Cell B10 =VLOOKUP(...)	1
	... C3 ...	1
	... ,door ...	1
	... ,2+ ...	1
	... XLOOKUP (...)	1
	... C4 ...	1
	... ,B13:B15 ...	1
	... ,A13:A15 ...	1
	... ,1	1
9	Validation rule used in cell C3 ...	1
	... Decimal value between ...	1
	... Minimum = 200 ...	1
	... Maximum = 230 ...	1
10	Validation rule used in cell C4 ...	1
	... List ...	1
	... Range B13:B15 or C19:E19	1
11	Formulae printout – all cells fully visible	1
	Formulae printout – Landscape orientation with row and column headings	1
12	Values printout – Portrait, fully visible, single page, no row and column headings.	1

Task 3 – File management

Question	Answer	Marks
13	Screen shot includes folder name, frame height and width, image dimensions, file names, file extensions and sizes	1

Task 4 – Images

Question	Answer	Marks
14	Image rotated 180 degrees and saved as image_ZZ999_9999.jpg	1

Task 5 – Web Page

Question	Answer	Marks
15	Table width=90%	1
	Single table used	1
	Visible borders	1
	No letters visible	1
	Column 1 – rowspan="4"	1
	Column 2 – rowspan="4"	1
16	Head section – title Pat's Pocket Doors	1
17	Left column – j2632banner.jpg	1
	2nd column – Video & controls visible	1
	video <...> tag used with...	1
	Set to autoplay	1
	Set to continuous loop	1
	source<...> tag used with src="j2632video.mp4" ...	1
	... type="video/mp4"	1
	Height of video = 640px with aspect ratio maintained	1
	Appropriate error message between <video> & </video>	1
	Row 2 right – Image j2632glass.jpg Row 3 right – Image j2632oak.jpg	1
18	Row 1 right – Web page created by then name and numbers	1
	... on a new line ...	1
	... set in style h2	1
19	Row 4 right – Contact us	1
	... set in style h1	1
20	Anchor set around Contact us	1
	<a href="mailto: ppd@cambridge.org ...	1
	... ?subject= I want a pocket door!">	1
21	j2632.css attached in head section	1

Question	Answer	Marks
22	Page fully visible and text can be read, in web browser with address visible	1