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CAMBRIDGE
International Education

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/31**

Paper 3 Spreadsheets and Website Authoring **February/March 2025**

MARK SCHEME

Maximum Mark: 70

Published

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the February/March 2025 series for most Cambridge IGCSE, Cambridge International A and AS Level components, and some Cambridge O Level components.

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Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptions for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always **whole marks** (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently, e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

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Task 2 – File management

Question	Answer	Marks
1	Folder name, image dimensions, file names, sizes, extensions, frame height and frame width.	**1**

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Task 3 – Web Page

Question	Answer	Marks
2	Table:	**7**
	Table width=95%	1
	Single table used	1
	Borders visible	1
	No letters visible	1
	Row 1 – colspan="4"	1
	Row 2 left – colspan="2"	1
	Row 2 right – colspan="2"	1
3	Top row:	**2**
	m25logo.jpg …	1
	… image width 100%	1
4	Row 2 left:	**6**
	Video visible	1
	video <…> tag used with…	1
	… loop attribute in video tag	1
	source<…> tag used with src="m25plaster.mp4" …	1
	… type="video/mp4"	1
	Appropriate error message between <video> and </video>	1
5	Row 2 right:	**2**
	text from source file 100% accurate …	1
	… set in style p	1
6	Row 3:	**5**
	Left – **Specialist plastering**	1
	Cell 2 – **Other construction**	1
	Cell 3 – **Contact us**	1
	Right – **Edited by:** candidate name and centre and candidate numbers	1
	All 4 cells set in style h2	1

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Question	Answer	Marks
7	Row 3:	**7**
	Left – Anchor set around Specialist plastering	1
	<a href="m25spec.htm" …	1
	… target="_blank"	1
	Cell 2 – Other construction	1
	Cell 3 – Anchor set around Contact us	1
	<a href="mailto:tawara.construction@cambridge.org …	1
	… ?subject=More information please!">	1
8	Stylesheet:	**5**
	Comment with candidate details at start of stylesheet	1
	table margin-left:auto	1
	table margin-right: auto	1
	table,td border-color: #ffffff; border-width: 2px;	1
	Correct CSS syntax	1
9		**2**
	m25plaster.css attached in head section …	1
	m25plaster2_centre number_candidate number.css attached with higher priority	1
10	In browser, address visible	**1**

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Task4 – Spreadsheet

Question	Answer	Marks
11	Header:	**3**
	Text **Created by** with space then name, centre and candidate number left aligned	1
	Text **Created on** with space then automated date …	1
	… with space, the text **at** another space and the automated time	1
12		**2**
	New row 2 inserted …	1
	… with text **All dimensions are in metres** 100% accurate	1
13		**8**
	Cells A1:B1 and A2:B2 merged	1
	Merged cell A1 white 24 point sans-serif font …	1
	… on a black background	1
	… wrapped as shown	1
	Centre aligned vertically and horizontally	1
	Row 2 bold	1
	Row 2 and column B centre aligned horizontally	1
	Column A – A4 onwards right aligned	1
14		**3**
	Rule set to list …	1
	… Yes,No	1
	… in cell drop-down selected	1
15	Rows 16 to 19 deleted	**1**
16	Cell B16 =B5*B6	**1**

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Question	Answer	Marks
17	Cell B17:	**11**
	=B4*	1
	… 2*(B6+B5) …	1
	… -(B8*B9) …	1
	… +B10 …	1
	… *(2*B8+B9) …	1
	… +IF(… , … , …)	1
	… B12="Yes", …	1
	... B10* …	1
	... (2*B13+B14) …	1
	… -(B13*B14) …	1
	… ,0)	1
18	Formulae printout:	**2**
	All cells fully visible	1
	Landscape orientation with row and column headings	1
19	Values printout – Portrait, fully visible, single page, no row and column headings	**1**

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