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CAMBRIDGE
International Education

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/31**

Paper 3 Spreadsheets and Website Authoring **May/June 2026**

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.

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[Turn over

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.

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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.

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Task 2 – Images

Question	Answer	Marks
1	Image rotated 90 degrees clockwise first …	**1**
	… then reflected horizontally	**1**
	New image saved in .png format as **image_ZZ999_9999.png**	**1**

Task 3 – File management

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

Task 4 – Web Page

Question	Answer	Marks
3	Table width = 85%	**1**
	Table right aligned in the browser	**1**
	Single table used	**1**
	No visible border	**1**
	No letters visible	**1**
	Row 1 – colspan = "2"	**1**
	Rows 2 and 3 – colspan = "2"	**1**
4	Head section – title **Skirting by Sam**	**1**
5	Top row – j26banner.jpg	**1**
	Row 3 – Video and controls visible	**1**
	video <…> tag used with…	**1**
	source<…> tag used with src = "j26video.mp4" …	**1**
	… type="video / mp4"	**1**
	Appropriate error message between <video> and </video>	**1**
	Set to autoplay	**1**
	Row 5 left – Image manipulated in step 13 Row 5 right – Image j26 contact.jpg	**1**

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Question	Answer	Marks
6	Row 2 – **Page created by** then name and numbers …	**1**
	… set in style h2	**1**
7	Row 4 left – **Skirting** and Row 4 right – **Architrave**	**1**
	… set in style h1	**1**
8	Anchor set around **Skirting**	**1**
	<a href = "j26skirting.htm" …	**1**
	… target = "_new">	**1**
	Anchor set around image j26contact.jpg	**1**
	<a href = "mailto: sbs@cambridge.org …	**1**
	… ?subject = Skirting board enquiry">	**1**
9	J26skirting.css attached in head section	**1**
	Height of style h1 changed from 60 px to 20 pt	**1**
10	In web browser with address visible	**1**

Task 5 – Spreadsheet

Question	Answer	Marks
11	Text **Spreadsheet by:** with space then name, centre and candidate number right aligned in footer.	**1**
12	Cell A1 to D1 merged and centre aligned with large white sans–serif text on black background	**1**
	Cells A3 to B3, A7 to B7, C7 to D7, A11 to B11 merged and centre aligned	**1**
	Cells A3 to B3, A7 to B7, C7 to D7, A11 to B11 bold	**1**
	Cells A3:B3, C7:D7, F2:G2 and H2:H3 wrapped as shown in question paper	**1**
	Cells B13:B20 right aligned	**1**
	All other cells aligned vertically and horizontally as shown in question paper	**1**
13	Named range Slength created …	**1**
	… for cells F4:H13 only	**1**
14	**Cell B8** =ROUNDUP(…,0)	**1**
	B4/F13	**1**

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Question	Answer	Marks
15	**Cell B9** =ROUNDUP(B5/F13,0)	**1**
16	**Cell D8** =IF(…) with correct syntax	**1**
	… b8=2 … or B8 > 1	**1**
	… ,H13 …	**1**
	… ,0	**1**
	Cell D9 =IF(B9 = 2,H13,0)	**1**
17	**Cell C8** =VLOOKUP(…)	**1**
	… B4 – D8	**1**
	… ,Slength …	**1**
	… ,3 …	**1**
	… ,1 or … ,TRUE	**1**
	Cell C9 =VLOOKUP(B5 – D9,Slength,3,1)	**1**
18	=2*(…)	**1**
	… B8 + B9	**1**
19	C13 and C14 – = C8	**1**
	C15 and C16 – = C9	**1**
	C17 and C18 – = D8 and C19 and C20 – = D9	**1**
20	Validation rule used …	**1**
	… Decimal value between	**1**
	… Minimum = 1	**1**
	… Maximum = 7.2	**1**
	Validation applied to cell B4	**1**
	Same validation rule applied to cell B5	**1**
21	Formulae printout – all cells fully visible	**1**
	Formulae printout – Landscape orientation with row and column headings	**1**

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Question	Answer	Marks
22	Values printout – Portrait, fully visible, single page, no row and column headings.	**1**

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