Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY	**0417/32**
Paper 3 Spreadsheets and Website Authoring	**May/June 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 May/June 2025 series for most Cambridge IGCSE, Cambridge International A and AS Level components, and some Cambridge O Level components.

This document consists of **8** printed pages.

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.

Task	Answer	Marks
For **Task 1** see below for example of spreadsheet.		
1	Text **Tests performed on:** with space then with automated date in header …	**1**
	… with space, the text **at** another space and the automated time	**1**
	Text **Tests by:** with space then name, centre and candidate number left aligned in footer	**1**

Task	Answer	Marks
For **Task 2** see below for example of spreadsheet values.		
2	Cells A1:F1, A3:B3 and A11:B11 merged	**1**
	Merged cell A1 black 40-point serif font	**1**
	Merged cell A1 wrapped as shown	**1**
	Borders as shown	**1**
	Rows 1, 3, 11 and 17 to 77 centre aligned horizontally	**1**
	Row 17 centre aligned vertically	**1**
	Row 17 wrapped as shown	**1**
	Column A rows 4–9 and 12–15 right aligned	**1**

Task	Answer	Marks
For **Task 3** see below for example of Evidence Document.		
3	Named range **TTime** created from cells D18:D77	**1**

Task	Answer	Marks
For **Task 4** see below for example of spreadsheet values.		
4	**Cell B4** =MIN(…)	**1**
	… TTime	**1**

Task	Answer	Marks
For **Task 5** see below for example of spreadsheet values.		
5	**Cell B5** =MAX(TTime)	**1**

Task	Answer	Marks
For **Task 6** see below for example of spreadsheet values.		
6	**Cell B6** =AVERAGE(TTime)	**1**

Task	Answer	Marks
For **Task 7** see below for example of spreadsheet formulae.		
7	**Cell B7** =AVERAGEIF(…)	**1**
	… B18:B77 …	**1**
	… ,1 …	**1**
	… ,TTime	**1**

Task	Answer	Marks
For **Task 8** see below for example of spreadsheet formulae.		
8	**Cell B8** =AVERAGEIF(B18:B77,2,TTime)	**1**

Task	Answer	Marks
For **Task 9** see below for example of spreadsheet formulae.		
9	**Cell B9** =AVERAGEIF(B18:B77,3,TTime)	**1**

Task	Answer	Marks
For **Task 10** see below for example of spreadsheet formulae.		
10	**Cell F18** =IF(…)	1
	… E18<2 …	1
	… ,"Yes" …	1
	… ,"No" …	1

Task	Answer	Marks
For **Task 11** see below for example of spreadsheet formulae.		
11	**Cell B12** =AVERAGEIF(F18:F37 …)	1
	… ,"Yes" …	1
	… ,D18:D37	1

Task	Answer	Marks
For **Task 12** see below for example of spreadsheet formulae.		
12	**Cell B13** =AVERAGEIF(F38:F57,"Yes", D38:D57)	1

Task	Answer	Marks
For **Task 13** see below for example of spreadsheet formulae.		
13	**Cell B14** =AVERAGEIF(F58:F77,"Yes", D58:D77)	1

Task	Answer	Marks
For **Task 14** see below for example of spreadsheet formulae.		
14	**Cell B15** =IF(MIN(B12:B14)=B12	**1**
	… ,3.2%, …	**1**
	… IF(MIN(B12:B14)=B13…	**1**
	… ,3.4%, …	**1**
	… 3.6%))	**1**
	Formatted as % value	**1**

Task	Answer	Marks
For **Task 15** see below for example of spreadsheet formulae and values.		
15	All test times formatted to 4dp	**1**

Task	Answer	Marks
For **Task 16** see below for example of formulae spreadsheet.		
16	Formulae printout – Landscape orientation, fully visible with row and column headings	**1**

Task	Answer	Marks
For **Task 17** see below for example of values spreadsheet and selection method.		
17	Values printout – Portrait, single page, fully visible, no row and column headings	**1**

Task	Answer	Marks
For **Task 18** see below for example of Evidence Document.		
18	Screenshot includes folder name, image dimensions, file names, sizes, extensions, frame height and frame width.	**1**

Task	Answer	Marks
For **Task 19** see below for example of HTML and browser view.		
19	table style="width:85%"	**1**
	Single table used	**1**
	No borders visible	**1**
	No letters visible	**1**
	Row 1 – colspan="2"	**1**

Task	Answer	Marks
For **Task 20** see below for example of HTML.		
20	Row 2 right cell style="width:480"	**1**
	Row 2 right cell style="height:480"	**1**

Task	Answer	Marks
For **Task 21** see below for example of HTML and browser view.		
21	Top row – j25banner.png	**1**
	Row 2 right – Video visible in browser	**1**
	video <…> tag used with …	**1**
	… loop attribute	**1**
	source<…> tag used with src="j25racing.mp4" …	**1**
	… type="video/mp4"	**1**
	Appropriate error message between <video> and </video>	**1**

Task	Answer	Marks
For **Task 22** see below for example of browser view.		
22	Row 2 left – text from source file 100% accurate …	**1**
	… set in style h3	**1**

Task	Answer	Marks
For **Task 23** see below for example of HTML and browser view.		
23	Row 3 left – New technologies	1
	Row 3 right – Contact us	1
	Row 4 left – Designed by: right – name and numbers	1
	Rows 3 and 4 – all set in style h2	1

Task	Answer	Marks
For **Task 24** see below for example of HTML.		
24	Anchor set around *New technologies*	1
	<a href="j25tech.htm" …	1
	Anchor set around *Contact us*	1
	<a href="mailto:Tawara.Racing@cambridge.org …	1
	… ?subject=Tell me more!">	1

Task	Answer	Marks
For **Task 25** see below for example of html and browser view.		
25	j25racing.css attached in head section	1
	Table centre aligned in browser	1

Task	Answer	Marks
For **Task 26** see below for example of HTML and browser view.		
26	Row 4 left has class **right** applied to style h2	1

Task	Answer	Marks
For **Task 27** see below for example of browser view.		
27	In web browser with address visible	1