Cambridge IGCSE™

INFORMATION & COMMUNICATION TECHNOLOGY   **0417/03**

Paper 3 Data Analysis and Website Authoring   **October/November 2023**

MARK SCHEME

Maximum Mark: 80

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 October/November 2023 series for most Cambridge IGCSE, Cambridge International A and AS Level components, and some Cambridge O Level components.

This document consists of **5** 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 descriptors 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.

Question	Answer	Marks
1	tgs folder screenshot Includes file names, sizes, file extensions, dimensions	**1**

Question	Answer	Marks
2	Row 1 rowspan=3 in first cell colspan=2 in second cell HTML syntax Correct syntax, head/body, open/close	**3**

Question	Answer	Marks

3	Images Giraffe cell A, logo, cell B, head cell F – 2 correct
	                Giraffe cell A, logo, cell B, head cell F – all correct
	                width 100% on logo
	                Appropriate alt text for all 3 images
		4

Question	Answer	Marks

4	Cell D Text placed from source file n23text.txt
	Cell E Page created by TawaraWeb. Last edited by
	               A Cand ZZ999 9999
	               Displayed as 2 paragraphs
	Cells D and E In style h2
		5

Question	Answer	Marks

5	Video video <…> tag used …
	               … width="480"
	               … height="360"
	               … controls
	               Source<…> tag used …
	               … src="n23feed.mp4"
	               type="video/mp4"
	               Appropriate error message
	               </video>
		9

Question	Answer	Marks
6	Stylesheet n23tgs.css attached	**1**

Question	Answer		Marks
7	Comment	/* Candidate details at top */	**16**
	table	No external borders visible	
		No gridlines visible	
		spelling error collapse corrected	
		margin-left:auto	
		margin-right:auto	
		width:85%	
	td	padding: 20px	
	body	background-color: #aabed8	
	h1,h2 { }	font-family: Comic Sans MS	
		,Comic Sans	
		Both font names in speech marks	
		,sans-serif	
		color: #0000ff	
		Both using single selector	
	CSS syntax	Correct css syntax	

Question	Answer		Marks
8	Browser view	In browser, address visible, no letters visible	**1**

Question	Answer		Marks
9	Header	Candidate details on left	**2**
		File name with path on right	

Question	Answer		Marks
10		Two new columns inserted to left of A	**9**
	Merged cells	Correct cells merged and centred	
		Black background	
		White text	
	Cell N1:N2	Wrapped as shown	
	Column A	Right aligned	
	Rows 1 and 2	Rows 1 and 2 centre aligned (not column A)	
	Cols B H M	Narrow columns	
	Numeric data	Right aligned	

Question	Answer		Marks
11	G4	=SUM(…)	**2**
		… $C4:$F4	

Question	Answer		Marks
12	L4	=SUM($I4:$K4)	**1**

Question	Answer		Marks
13	N4	=G4-L4	**1**

Question	Answer		Marks
14	O4	=O3+N4	**1**

Question	Answer	Marks
15	All 4 formulae replicated for all months	**1**

Question	Answer		Marks
16	Numeric data	$ with 2dp	**1**

Question	Answer	Marks
17	Conditional formatting applied … … Cells N4:N15 … Cell value < 0 … Red background … White text	**5**

Question	Answer		Marks
18	Printout	Row and column headings visible Landscape row and col heads fully visible	**2**

Question	Answer		Marks
19	Printout	Single landscape page Fully visible with no row and column headings	**2**

Question	Answer		Marks
20	Values 2	F13 contains $42.10 End of year balance $28,317.46 Single landscape page, fully visible with no row and column headings	**3**