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CAMBRIDGE
International Education

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/21**

Paper 2 Document Production, Databases and Presentations **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 – Document Production

Question	Answer	Marks
1	File saved as **CROPS**, evidence of correct file type	**1**
2		**2**
	Name, centre number, candidate number – left aligned	1
	Automated page numbers – right aligned	1
3		**2**
	CR-Subhead – style created, named correctly, based on Normal/Default	1
	CR-Subhead – sans-serif, 14pt, left align, bold, italic, single line, 0pt before, 10pt after	1
4		**2**
	CR-Table Style modified, name correct and based on Normal/Default	1
	CR-Table style correct – serif,10pt, italic, centred, single line, 0pt before and after	1
5	Text **by** entered after title **[space]** candidate name, continuous text	**1**
6	CR-Head style applied to all title text	**1**
7		**3**
	Bullets applied to correct text	1
	All bullets aligned to the left margin	1
	Single line spacing, 0pt space between, 6pt after last item	1
8	CR-Subhead style applied to all 6, matches style defined Step 3	**1**
9		**2**
	Section break – applied to correct text	1
	2 columns, 2 cm column spacing	1
10	Table – new row inserted in correct position, text 100% accurate	**1**

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Question	Answer	Marks
11		**5**
	Row 1 cells merged	1
	Rows 1 and 2 light grey (20–40%) background fill	1
	1pt internal and external gridlines applied	1
	Data on one line, borders and data fit within column width	1
	Table complete, data and structure unchanged, 6pt after table	1
12		**4**
	Correct image inserted in the correct paragraph	1
	Image rotated 180 degrees	1
	Resized to a width and height of 2 cm	1
	Aligned left margin, top of text, text wrapped round image	1
13	Document complete/paragraphs intact, portrait, consistent margins, pages and columns aligned top, no widows/orphans, list and table not split, no blank pages, pre-applied styles unchanged, consistent spacing	**1**

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Task 3 – Database

Question	Answer	Marks
14		**3**
	Seeds table – 8 field names as given, correct data types	1
	Seed_ID set as primary key	1
	Price field presented as currency symbol with 2 decimal places	1
15		**3**
	Orders table – 7 field names as given, correct data types, primary key *Reference*	1
	Date_Placed and *Date_Completed* as DMY, correct format dd-MMM-yy	1
	Paid displays as Yes/No	1
16	1-to-many relationship *Seed_ID* (seeds) to *Seed* (orders)	**1**
17	Record TAW362 modified – *Packets* **4**, *Paid* **No**, 100% accurate	**1**
18		**8**
	Title text **Bean ordering** 100% accurate, fully visible, larger font	1
	Type includes the text **bean**	1
	Sort descending on *Seed_ID* and ascending *Date_Placed*	1
	Specified fields (6), correct order, headings match data	1
	Portrait, tabular layout, all fields present, fits single page, no truncation	1
	Correct total packets, positioned in report footer below *Packets* field	1
	Label **Total packets** 100% accurate, to left of value	1
	Correct database formula to calculate the total number of packets	1

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Question	Answer	Marks
19		**7**
	Report header contains name, centre number, candidate number	1
	Title **Unpaid orders in stock** 100% accurate, fully visible, larger font	1
	Select records: *Paid* is **No**	1
	Select records: *Stock_Level* is **>0**	1
	Sorts descending order of *Supplier*	1
	Specified fields (10), correct order, headings match data	1
	Landscape, tabular layout, fits a single page, all fields present, no truncation	1

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Task 4 – Presentation

Question	Answer	Marks
20	Presentation complete – 8 slides imported, consistent title/bullet layout, no blank slides, no text changed	**1**
21	Automated slide numbers top centre, name, centre number, candidate number, both consistent position, all slides	**1**
22	Slide 1 changed to title and subtitle layout, text centred, no bullet	**1**
23		**2**
	Slide 1 – new subtitle line, text **A presentation by** 100% accurate, candidate name	1
	New subtitle line formatted in same style as subtitle row 1	1
24		**4**
	Line graph created using correct data	1
	Category axis – year values displayed	1
	Category axis labels rotated to display vertically as shown	1
	Legend labels Rice, Wheat, Maize positioned below the category axis	1
25		**2**
	Chart title **World Crop Yields** 100% accurate	1
	Axis titles 100% accurate – category **Year**, value **Tonnes per hectare**	1
26	Value axis displays minimum **3**, maximum **6**	**1**
27		**2**
	Chart on correct slide, right of bullets, chart data fully visible, no overlap/split words	1
	Single correct full-page slide printed in landscape	1
28		**4**
	New slide inserted as slide 2	1
	Title text **The Challenge** 100% accurate	1
	3 lines of bullet text added 100% accurate	1
	Title and bullet styles identical to other slides	1

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Question	Answer	Marks
29		**2**
	Action button below bulleted text on last slide	1
	Action button links to slide 1	1
30	All slides printed as handout with three slides to page	**1**

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