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CAMBRIDGE
International Education

Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY **0417/21**

Paper 2 Document Production, Databases and Presentations **February/March 2024**

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 2024 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.

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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 – Word Processing

Question	Answer	Marks
1	File saved as GAMARKET with evidence of file type	**1**
2		**3**
	Gaming review by: entered accurately in header	1
	[space] name, centre number, candidate number entered after colon, right aligned	1
	Automated page numbers right aligned in footer	1
3		**2**
	Section break – applied to correct text	1
	2 columns, 1.5 cm column spacing	1
4		**3**
	Numbered bullets (1., 2., 3., …) applied to correct text	1
	Numbers aligned at left margin	1
	List is in single line spacing, no space before or after each line, 6pt space after last line	1
5		**2**
	GA-subhead style created, named correctly, based on normal/default	1
	GA-subhead – serif 20pt, centred, bold, italic, all capitals, single line, 0pt before & after	1
6	GA-subhead style matches style defined in Evidence document, applied consistently to all 3 subheads	**1**
7	Complete paragraph moved to correct location, intact, spacing/punctuation/justification maintained	**1**

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Question	Answer	Marks
8		**6**
	Cloud shape inserted	1
	Correct position, aligned to right column margin and top of paragraph	1
	Text wraps around the shape	1
	Cloud shape resized to 5cms wide	1
	Cloud shape has a black 3-4 point outside border	1
	Cloud shape is filled with a consistent light grey shading (10-25%)	1
9		**2**
	Text **Cloud Gaming** accurate and entered in shape	1
	Text black, bold, on one line, within shape, fully visible	1
10		**2**
	Document spell checked and proofread – 2 spellings corrected	1
	Document layout complete and paragraphs intact	1
Total		**23**

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Task 3 – Database

Question	Answer	Marks
11		**3**
	Games table – 11 field names as given, correct data types	1
	Games table – *Game_Code* identified and set as primary key	1
	Global_Sales values stored and displayed to 2 decimal places, *Price* displayed as currency to 2 decimal places	1
12	Classifications table – 3 appropriate field names and data types, primary key *Age_Code*	**1**
13	Genre table – 2 appropriate field names and data types, primary key *Gen_Code*	**1**
14	1-to-Many relationships: *Gen_Code (genre/games* tables*)* *Age_Code (classifications/games* table*)*	**1**
15		**2**
	New record *Dr Tomas* inserted only once, *Neo Master Tomas* still present	1
	New record accurate *Dr Tomas* | *4.86* | *Creation Arts* | *Cyrus 360* | *18.80*	1

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Question	Answer	Marks
16		**6**
	Title **Latest Cyrus Console Games** accurate, larger font, fully visible	1
	Select records – *Console_Type* begins with the text *Cyrus*	1
	Select records – *Release_Year* is *2010 or later*	1
	Sort ascending order of *Rank*	1
	Correct fields (6) in correct order – *Game_Title* | *Genre* | *Age_Category* | *Release_Year* | *Console_Type* | *Rank*	1
	Portrait print, fits a single page, all fields present, no field truncation	1

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Question	Answer	Marks
17		**14**
	Report footer – Name, centre number, candidate number in footer, appears on every page	1
	Title **Junior Tomas Games** 100% accurate, larger font, fully visible	1
	Calculated field – field heading **Sales_% –** 100% accurate	1
	Calculated field – *Sales_%* calculated – correct values	1
	Calculated field – *Sales_%* stored and displayed to 2dp	1
	Select records – *Game_Title* includes the text *Tomas*	1
	Select records – *Age_Code* is *C3* or *C7*	1
	Sort records on 2 fields – ascending order of *Console_Type*, descending order of *Global_Sales*	1
	Correct (6) base fields in correct order – *Game_Title* | *Age_Category* | *Global_Sales* | *Game_Publisher* | *Console_Type* | *Price* | (*Sales_%)*	1
	Landscape, single page wide, all base fields present, no truncation	1
	Average price calculated, end of report only, below *Price* column, fully visible	1
	Average price value displays same currency symbol to 2dp	1
	Label **Average game price** – 100% accurate, to the left of value	1
	Screenshot evidence of database formula to calculate average price – fully visible	1
Total		**28**

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Task 4 – Presentation

Question	Answer	Marks
18	Slides imported, title/bullet layout, no blank slides, no text changed	**1**
19		**2**
	Master slide – automated slide numbers top left and name, centre number, candidate number any consistent position all slides	1
	Master slide – logo positioned top right	1
20	Slide 1 changed to title layout, centred in the middle of the slide	**1**
21	Slides 3 and 4 deleted	**1**
22		**2**
	Vertical bar chart created using correct data	1
	Age category labels on category axis, number of games on value axis, no legend	1
23		**2**
	Chart title **Rating of games in 2023** – 100% accurate	1
	Accurate category axis title **Age category**	1
24	Data values only displayed along the top of each bar	**1**
25		**2**
	Value axis (y-axis) displays minimum 0, maximum 560	1
	Value axis (y-axis) increments set at 70	1
26	Chart on correct slide, left of bullets, chart data fully visible, no overlap or split words	**1**

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Question	Answer	Marks
27		**2**
	Correct text linked (*age classifications)*	1
	… linked to open file c02categories.csv	1
28		**2**
	Text **Rating guidance helps parents make informed choices.** entered on correct slide as presenter notes,100% accurate	1
	Single slide *Game Ratings* printed as presenter/speaker notes	1
29		**2**
	Slides printed as handouts, 2 slides to page, portrait orientation	1
	Slides 1 to 4 only printed	1
Total		**19**

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