Cambridge IGCSE™

INFORMATION & COMMUNICATION TECHNOLOGY   **0417/02**

Paper 2 Document Production, Data Manipulation and Presentations   **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 **6** 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.

Task 2 – Word Processing

Question	Answer	Marks
1	File saved as VGREVIEW with evidence of file type	1
2	Two page breaks removed maintaining paragraphs and spacing	1
3	Automated page numbers left aligned in header	3
	Market review by: [space] entered accurately in footer	
	Candidate name, no. , and centre no. entered after **[space]** right aligned	
4	Section break – applied to correct text	2
	2 columns, 2 cm column spacing	
5 VG-subhead	style created, named correctly, based on normal/default	2
	sans-serif 20pt, centred, bold, italic, single line, 0pt before and after	
6	VG-subhead style applied consistently to all 4 subheads, matches style defined in EV2	1
7	Paragraph moved, now new paragraph immediately after the paragraph ending … *gamer controls the action.*	1
8	Vertical bar chart created using correct data, country labels present	1
9	Chart title: **Global Online Players 2022 (millions)**	2
	Category axis label: **Region**	
10	Data values only displayed along the top of each bar, no legend	1
11	Y-axis displays minimum 0, maximum 1500	2
	Y-axis displays increments of 300	
12	Chart in correct place, within column width, all data fully visible	1
13 VG-list	with correct formatting in document	3
	evidence of modification, sans-serif, 10pt, italic, single line, 0pt before and after	
	Bullets aligned to left margin (0 cm), with numbered style (1., 2., 3., etc.)	
14	Correct paragraph indented 1.5cms from left and right margins	1
15	Document spell checked and proofread – 2 spellings correct	2
	Document layout complete and paragraphs intact	
Total		**24**

Task 3 – Database

Question	Answer	Marks
16	*VGames* table – 9 field names as given, correct data types	**3**
	VGames table – *Game_Code* identified and set as primary key	
	Global_Sales values stored and displayed to 3 dp	
17	Platforms table – 6 appropriate field names and data types, primary key *Platform*	**1**
18	1-to-Many relationship *Platform* (platform table) and *Platform* (games table)	**1**
19	Correct record amended, all 3 changes accurate	**1**
20	New record 134 inserted only once, record 138 still present	**2**
	New record accurate *Sprinter	134	Action	1999	Lowena Interactive	12.80*	
21	Report title **Sports titles released since 2011** accurate, larger font, fully visible	**6**
	Select records – *Game_Title* includes the text *sport*	
	Select records – *Release_Year* is *2011 or later*	
	Sort ascending order of *Release_Year*	
	Correct fields (6), correct order, headings match data – *Rank	Game_Title	Release_Year	Genre	Global_Sales	Console_Name*	
	Printed in portrait, all fields present, fits a single page only, no field truncation	

Question	Answer	Marks
22	Report footer – Name, centre number, candidate number in footer, appears on every page	**13**
	Report title **Top Entertainment Games** – 100% accurate, larger font, fully visible	
	Calculated field – field heading **Discount_Price –** 100% accurate	
	Calculated field – discount calculated – correct values	
	Price and *Discount_Price* stored and displayed with same currency, 2dp	
	Select records – *Genre* is *Action* or *Adventure*	
	Select records – *Rank* is *200 or less*	
	Sort records on 2 fields – descending on *Genre* and ascending order of *Rank*	
	Correct 7 base fields, correct order, headings match data *Game_Title* | *Rank* | *Genre* | *Console_Name* | *Release_Year* | *Game_Publisher* | *Price* | (*Discount_Price*)	
	Landscape, single page wide, all base fields present, no truncation	
	Calculation – earliest year positioned end of report only, fully visible, below *Release_Year* column	
	Calculation – label **Earliest game release** – 100% accurate, fully visible, left of value	
	Screenshot evidence of database formula to calculate earliest year, fully visible	
Total		**27**

Task 4 – Presentation

Question	Answer	Marks
23	Slides imported, title/bullet layout, no blank slides, no text changed	1
24	Header – name, centre number, candidate number top right, same position on every slide	1
25	Correct slide, layout changed to title and 3 column x 6 row table	2
	Plain table style applied, no cell shading, all gridlines displayed	
26	All data from file **n2302ratings.csv** copied into table in correct cells, no changes to text	2
	Data in column 3 wraps over no more than 3 lines	
27	Table – height of all 6 rows set to 2 cm	1
28	Column 1, 6 rows merged	5
	Column 1, text rotated left 90º	
	Column 1, white text on black background	
	Column 1, text size larger	
	All table data centred vertically and horizontally	
29	Correct 7 original lines indented, left aligned consistently, text unchanged	3
	Correct 7 lines only smaller font size, italic enhancement	
	Correct 7 lines only with dashed (-) bullets	
30	Slide 5 – correct text linked (age rating)	2
	… linked to open correct slide *Age rating system*	
31	Slides printed as handouts, portrait orientation with 2 slides to page	2
	Only original slides 2 to 5 printed	
Total		**19**