www.dynamicpapers.com

CAMBRIDGE
International Education

Cambridge International AS & A Level

INFORMATION TECHNOLOGY **9626/02**

Paper 2 Practical **February/March 2024**

MARK SCHEME

Maximum Mark: 90

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.

© Cambridge University Press & Assessment 2024

www.dynamicpapers.com

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.

© Cambridge University Press & Assessment 2024

www.dynamicpapers.com

Task	Answer	Marks
Task 1 – Spreadsheet Candidate file **JJstock**_		
1(a) Data combined	First 5 files combined into a single sheet …	5
	… with data sorted into ascending order of Product Code	
	… with no duplication of data/columns	
	… order of columns as shown	
	… earrings and chain have cost in column G and sales in column F	
1(b) Stocklist	Stocklist file added …	3
	… as columns H and I	
	… with integrity of data maintained	
1(c) Saving	Saved in spreadsheet format as JJstock_ZZ999_9999	1
Totals marks		**9**

Task	Answer	Marks
Task 2 – Relational database Candidate file **JJ**_		
2(a) Tables identified	Three tables identified/used in correctly named database	1
2(b) Customer table	Customer table created …	5
	… with appropriate table name	
	… short meaningful field names with no spaces	
	… correct 7 fields only	
	… primary key set on Cust_No field	
2(c) Customer data	All fields in Customer table set as alphanumeric	1

© Cambridge University Press & Assessment 2024

www.dynamicpapers.com

Task	Answer	Marks
2(d) Order table	Order table created …	5
	… with appropriate table name	
	… short meaningful field names with no spaces	
	… correct 7 fields only	
	… primary key set on new ID field (autonumber)	
2(e) Order data	Date field in Order table set dd/mm/yyyy format	3
	Quantity field in Order table set as integer	
	all other data in Order table set as alphanumeric (except primary key)	
2(f) Stock table	Stock table created …	5
	… with appropriate table name	
	… short meaningful field names with no spaces	
	… correct 9 fields only	
	… primary key set on Product_Code	
2(g) Stock data	Cost_Price and Sale_Price fields in Stock table set in currency (2dp) format	3
	2 × Quantity fields (Held and Ordered) in Stock table set as integer	
	all other data in Stock table set as alphanumeric	
2(h) Customer to Order relationship	Customer.Cust_No to Order.Cust_No …	4
	… Relationship created between these fields	
	… 1 to many relationship	
	… with referential integrity enforced	
2(i) Stock to Order relationship	Stock.Product_Code to Order.Item …	4
	… Relationship created between these fields	
	… 1 to many relationship	
	… with **NO** referential integrity enforced	
Total marks		**31**

© Cambridge University Press & Assessment 2024

www.dynamicpapers.com

Task	Answer	Marks
Task 3 – Report Candidate file **JJbest**_		
3(a) Search	Products contain Opal	2
	Search – Customers 1, 12, 25 only	
3(b) Calculated field	Calculated field **Item_Total: …**	2
	… Sale_Price * Quantity	
3(c) Report title	100% accurate	3
	White text on a black background	
	Largest text centre aligned	
3(d) Group header	Report grouped on customer family name	4
	Group header contains no labels	
	Grouped data: 2 × name fields, 2 × address fields, post code	
	Grouped data black and bold	
3(e) Sub-group header	Sub-group on order number	6
	Sub-group header contains no labels	
	Sub-group header data: order number, date …	
	… text **Prepared by:** *Prepared_By* field	
	Date formatted as dd/mm/yyyy	
	Sub-group on a light grey background including controls	
3(f) Row detail	Detail rows contain stock item, quantity, metal, stone, sale price …	2
	… and Item_Total all fully visible	
3(g) Data sorted	Data within each customer sorted into ascending order of order number …	2
	… then ascending order of *Style*	
3(h) Item totals	Item totals for each order with correct values and in correct place	2
	Sum of all item totals at bottom of *Item_Total* column of report	
3(i) Candidate details	Candidate details at bottom left of each page	1

© Cambridge University Press & Assessment 2024

www.dynamicpapers.com

Task	Answer	Marks
3(j) Export	Exported as JJbest_ZZ999_9999.pdf …	2
	… as a single A4 portrait page	
Mark total		**26**

Task	Answer	Marks
Task 4 – Video editing Candidate file **JJ1**_		
4(a) Aspect ratio	Aspect ratio set to 16:9	1
4(b) First section	*m24items.mp4* placed first …	2
	…trimmed so first 2.6 seconds removed	
4(c) Second section	*m24items2.mp4* spliced on end …	2
	… with appropriate transition added	
4(d) Speed	Slowed to 0.25 × speed …	2
	… for both clips	
4(e) Length	End of clip trimmed so that 10 seconds remain	1
4(f) Exporting	Exported as JJ1_ZZ999_9999 …	2
	… with a resolution of 854 × 480	
Mark total		**10**

© Cambridge University Press & Assessment 2024

www.dynamicpapers.com

Task	Answer	Marks
Task 5 – Video clip Candidate file **JJvideo**_		
5(a) 0 seconds	0 seconds: Still image extracted from first frame of JJ1 …	2
	…displayed as background	
5(b) 4 seconds	4 seconds: company title appears …	5
	…company Title **Jenna's Jewellery** accurate	
	Text in sans-serif font of appropriate size	
	Top right of screen	
	Appropriate colour selection to be clearly visible	
5(c) 6 seconds	6 seconds: subtitle appears …	4
	… Add the text the **Opal specialists** accurate	
	… Set as an appropriate subtitle	
	Title and bg retained with no adjustment/movement	
5(d) 10 seconds	10 seconds: bg still image disappears, and video starts…	2
	…Video file JJ1 plays	
Total marks		**13**

Task	Answer	Marks
Task 6 – Exporting video Candidate file **JJvideo**_		
6(a) Exporting	Movie exported / saved as JJvideo_ in mp4 format	1
Total marks		**1**

© Cambridge University Press & Assessment 2024