



# Mark Scheme (Results) November 2024

Pearson Edexcel International GCSE In  
Information and Communication  
Technology (4IT1) Paper 02

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## General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.
- Mark schemes will indicate within the table where, and which strands of QWC, are being assessed. The strands are as follows:

*ensure that text is legible, and that spelling, punctuation and grammar are accurate so that meaning is clear select and use a form and style of writing appropriate to purpose and to complex subject matter organise information clearly and coherently, using specialist vocabulary when appropriate.*

4IT1 02 – 2411 – Final marking version

Task	Answer	Marks
A1	Graphics	
		
a	<p>Logo:</p> <ol style="list-style-type: none"> <li>1. Red outline for house – extended line on roof (1)</li> <li>2. PaperBase – CamelCase and spelling (1)</li> <li>3. Curved shape filled with yellow (under the company name) (1)</li> <li>4. Notepad drawn with shapes as shown – (red) tube, (black) circle, look like a pad/2 shapes (1)</li> <li>5. Blue text on the notepad for 'Notes' – must be angled (ignore direction) – accept Notes and NOTES (1)</li> <li>6. Yellow background fill for house (1)</li> </ol>	6
b	<p>Image editing:</p>  <ol style="list-style-type: none"> <li>1. PaperBase text on the orange pad – fill the width of the pad <b>and</b> be clear to read – correct CamelCase and spelling (1)</li> <li>2. Logo added – bottom right (1)</li> </ol>	2
	<b>Total for Task A1</b>	<b>8</b>

A2	Database	
a	<p><i>Data entry form:</i></p> <ol style="list-style-type: none"> <li>1. Logo added to the header - top right (1)</li> <li>2. Title has dark background <b>and</b> white text (1)</li> <li>3. Form has pale background <b>not</b> white (1)</li>   <li>4. <b>Field headings</b> set to size 14 – mark from properties (1)</li> <li>5. COST <b>value</b> field <b>contents</b> (<b>not</b> field heading) width 2 cm (0.7875") – mark from properties (1)</li>   <li>6. Button/folder icon added to Save Record (1)</li> </ol>	6
b	<p><b>PRODUCTS FORM</b> completed:  PRODUCT ID – WILDPOCASE  PRODUCT NAME – Wild Popout Case  PRODUCT TYPE – Case  COST - £18</p> <p>Award 2 marks for all 4 correct entries  Award 1 mark for 3 correct entries  Award no marks for 0, 1, 2 correct entry</p> <p>Spelling <b>must</b> be correct. Do not award marks from the table, ONLY the form.</p>	2

**A2**

C

Query:

Field:	CUSTOMER ID	COST	PRODUCT NAME
Table:	CUSTOMERS	PRODUCTS	PRODUCTS
Sort:			
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:	"HETT1179"	>10	
or:	"LUND0377"	>10	

Correct criteria: **HETT1179** and **LUND0377** purchased that cost **more than £10**

Alternative query:

"HETT1179" Or "LUND0377" >10

- 1 & 2. Award 2 marks for all 4 correct criteria
- Award 1 mark for 2, 3 correct criteria
- Award no marks for 0 or 1 correct criteria

Result of Query:

CUSTOMER ID	COST	PRODUCT NAME
HETT1179	£12.00	Highlighter x4
HETT1179	£15.00	Glitter Pens x7
LUND0377	£18.00	Hardcase Butterfly
LUND0377	£20.00	Soft Shark Case
LUND0377	£25.00	Soft Personalised Case

- 3. Correct fields **only** (in any order) – **CUSTOMER ID, COST, PRODUCT NAME** – no truncation (1)
- 4. Fields in correct order – **CUSTOMER ID, COST, PRODUCT NAME** – ignore truncation/extra fields (1)
- 5. **COST** - sorted in **ascending** order (1)

1  
1

3

<b>A2</b> d	Report																																																	
	<table border="1"> <thead> <tr> <th>INITIAL</th> <th>CUSTOMER NAME</th> <th>EMAIL ADDRESS</th> </tr> </thead> <tbody> <tr><td>J</td><td>Barik</td><td>barikju@fortran.net</td></tr> <tr><td>L</td><td>Brown</td><td>lennybrown@virgin.net</td></tr> <tr><td>R</td><td>Charlston</td><td>charlie.chat.com</td></tr> <tr><td>H</td><td>Clarmont</td><td>clarmont@chat.com</td></tr> <tr><td>R</td><td>Giri</td><td>girir@talk.org</td></tr> <tr><td>E</td><td>Gubb</td><td>gubbsc@talk.org</td></tr> <tr><td>J</td><td>Hughes</td><td>hughesju@fortran.net</td></tr> <tr><td>C</td><td>Kent</td><td>kentc@virgin.net</td></tr> <tr><td>P</td><td>Laskar</td><td>laskarp@chat.com</td></tr> <tr><td>B</td><td>Leyshon</td><td>leyshon@fortran.net</td></tr> <tr><td>S</td><td>Lund</td><td>lunds@talk.org</td></tr> <tr><td>C</td><td>Rookson</td><td>rooksonc@virgin.net</td></tr> <tr><td>M</td><td>Thomas</td><td>mthomas@talk.org</td></tr> <tr><td>C</td><td>Verma</td><td>vermac@talk.org</td></tr> <tr><td>C</td><td>Wickramasinghe</td><td>wickramasinghec@fortran.net</td></tr> </tbody> </table> <ol style="list-style-type: none"> <li>1. Suitable title – reference to <b>loyalty club</b> – ignore spelling and case (1)</li> <li>2. Logo top right of report header (1)</li> <li>3. Field headings in serif font (1)</li> <li>4. Shows <b>only INITIAL, CUSTOMER NAME</b> and <b>EMAIL ADDRESS</b> – correct order (1)</li> <li>5. Sorted into <b>ascending</b> order of <b>CUSTOMER NAME</b> (1)</li> <li>6. Correct 15 records (1)</li> <li>7. No truncation on field headings and values (1)</li> <li>8. Date <b>and</b> page numbers removed from header or footer – must be marked from <b>design view</b> (1)</li> </ol>	INITIAL	CUSTOMER NAME	EMAIL ADDRESS	J	Barik	barikju@fortran.net	L	Brown	lennybrown@virgin.net	R	Charlston	charlie.chat.com	H	Clarmont	clarmont@chat.com	R	Giri	girir@talk.org	E	Gubb	gubbsc@talk.org	J	Hughes	hughesju@fortran.net	C	Kent	kentc@virgin.net	P	Laskar	laskarp@chat.com	B	Leyshon	leyshon@fortran.net	S	Lund	lunds@talk.org	C	Rookson	rooksonc@virgin.net	M	Thomas	mthomas@talk.org	C	Verma	vermac@talk.org	C	Wickramasinghe	wickramasinghec@fortran.net	
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<b>A2</b> e (i)	<i>The LOYALTY CLUB MEMBER is shown as Yes/No on the CUSTOMERS table. State the data type used for this field.</i> Boolean Logical	1
(ii)	<i>State the relationship between the three tables.</i> One to many	1
(iii)	<i>State the name of the validation check that ensures that no record can be left blank.</i> Presence check	1
(iv)	<i>Explain <b>one</b> reason why Like “*pad*” could be used in a database search on the <b>STATIONERY</b> database.</i> Return any products with pad in their name (1) as there are not products with just the name pad (1) Accept any other appropriate response	2
	<b>Total for Task A2</b>	<b>26</b>

A3	Presentation	
a(i)	BOTH SLIDES: 1. STATIONERY image set as <b>background</b> (1) 2. Image transparency – 70% (1) Bottom of both slides 3. <b>Automated</b> date displayed as Day Month Date Year or Day Date Month Year (with or without comma) Saturday November 23 2024 or Saturday 23 November 2024 (1) 4. Email address leandro@paperbase.service - correct spelling (1) 5. Date <b>and</b> email address – size 20 (1)	5
(ii)	<b>Slide 1</b> 1. Title – Welcome to PaperBase - CamelCase and correct spelling (1) 2. Title centred horizontally <b>and</b> vertically in the text box (1) <b>Correct text</b> inserted <b>bottom left</b> - ignore case and spelling (1) We offer a wide range of stationery such as: cases pens <b>&amp;</b> pencils writing pads 3. Bullets used for item list – at least two items (1) 4. Text box – pale yellow background (1) 5. <b>Each item</b> in the list appears as a <b>separate</b> animation (1) 6. Working <b>action button</b> to go to Slide 2 (1)	7
(iii)	<b>Slide 2</b> 1. 'Ordering' centred – correct case and spelling (1) 2. Contact us by email to find out more – correct case and spelling (1) 3. Working <b>link</b> to go to Slide 1 (1)	3
b	<i>Give one reason for using a house style in a presentation.</i> Consistent layout Visual identity/branding	1
	<b>Total for Task A3</b>	<b>16</b>

**Section B**

**B1 Spreadsheets**

Sales - September 2024								
CODE	DESCRIPTION	TYPE	NUMBER SOLD	ITEM COST	TOTAL COST	DISCOUNT (£)	COST WITH DISCOUNT	REMINDER MESSAGE
PPBAGTAGRE	Popping Bag Tag	Accessories	9	£6.00	£54.00	£8.10	£45.90	
FLOWLANYA	Flower Lanyard	Accessories	8	£14.00	£112.00	£16.80	£95.20	
UMBAGTAG	Umbrella Bag Tag	Accessories	8	£6.00	£48.00	£7.20	£40.80	
SHARBAGTAG	Shark Bag Tag	Accessories	5	£5.00	£25.00	£3.75	£21.25	
RAINWALLET	Rainbow Wallet	Accessories	4	£15.00	£60.00	£9.00	£51.00	
INIKEYRING	Initial Keyring	Accessories	3	£8.00	£24.00	£3.60	£20.40	
SOGAMBL	Soft Gaming Case Black	Case	12	£20.00	£240.00	£24.00	£216.00	Price increase in November
SOPERSZP	Soft Personalised Case	Case	8	£25.00	£200.00	£20.00	£180.00	
HTBUTZIP	Hardcase Butterfly	Case	6	£18.00	£108.00	£10.80	£97.20	
SOSHAZIP	Soft Shark Case	Case	6	£20.00	£120.00	£12.00	£108.00	
HTDINLAT	Hardcase Dinosaur	Case	5	£18.00	£90.00	£9.00	£81.00	
HTSHALAT	Hardcase Shark	Case	5	£18.00	£90.00	£9.00	£81.00	
SCEMA10	Scented Marker Pens x10	Pen or Pencil	12	£20.00	£240.00	£12.00	£228.00	Price increase in November
GLITPK7	Glitter Pens x7	Pen or Pencil	10	£15.00	£150.00	£7.50	£142.50	Price increase in November
GPBPK4	Gel Pen x4	Pen or Pencil	10	£8.00	£80.00	£4.00	£76.00	Price increase in November
HILPK4	Highlighter x4	Pen or Pencil	8	£12.00	£96.00	£4.80	£91.20	
RAINPK2	Rainbow Pen x2	Pen or Pencil	5	£6.00	£30.00	£1.50	£28.50	
MECHPK5	Mechanical Pencil 5	Pen or Pencil	3	£8.00	£24.00	£1.20	£22.80	
A5PADLIT	Light A5 Pad	Writing Pads	11	£8.00	£88.00	£17.60	£70.40	Price increase in November
A4EXGRAF	Graffiti A4 Pad	Writing Pads	10	£8.00	£80.00	£16.00	£64.00	Price increase in November
A4EXINIT	Initial A4 Pad	Writing Pads	9	£10.00	£90.00	£18.00	£72.00	
A4EXCARS	Cars A4 Pad	Writing Pads	8	£6.00	£48.00	£9.60	£38.40	
A5PADBUB	Bubble A5 Pad	Writing Pads	8	£12.00	£96.00	£19.20	£76.80	
A4PADPERS	Personalised A4 Pad	Writing Pads	6	£10.00	£60.00	£12.00	£48.00	
Highest item cost				25				
Total cost of all items sold with the discount included							£1,996.35	

a	<p><b>Heading row:</b></p> <ol style="list-style-type: none"> <li>1. Row height – 60 (1)</li> <li>2. Light green shading <b>and</b> dark green text (1)</li> <li>3. Font style – serif <b>and</b> bold (1)</li> <li>4. Horizontally <b>and</b> vertically centred (1)</li> </ol>	4
b (i)	<p><b>TOTAL COST</b> =D3*E3</p>	1
(ii)	<p><b>DISCOUNT VLOOKUP</b></p> <ol style="list-style-type: none"> <li>1. Use of correct function =VLOOKUP( ) or =LOOKUP( ) (1)</li> <li>2. Use of correct lookup value C3 (1)</li> <li>3. Use of correct table array (INFORMATION!A\$3:B\$6) – accept without \$ (1)</li> <li>4. Use of correct column index number (2,0) <b>OR</b> use of correct result vectors (INFORMATION!B\$3:B\$6) (1)</li> <li>5. *F3 (1)</li> </ol> <p>Examples =VLOOKUP(C3,INFORMATION!A\$3:B\$6,2,0)*F3 =LOOKUP(C3,INFORMATION!A\$3:A\$6,INFORMATION!B\$3:B\$6)*F3</p> <p>Accept without the use of absolute referencing Accept FALSE for 0 – accept if this is missing as long as it works Allow named range</p>	5



<b>B2</b>	<div data-bbox="475 152 1120 526" data-label="Figure"> <table border="1"> <caption>Items sold</caption> <thead> <tr> <th>Items</th> <th>Number sold</th> </tr> </thead> <tbody> <tr> <td>Writing Pads</td> <td>52</td> </tr> <tr> <td>Accessories</td> <td>37</td> </tr> <tr> <td>Case</td> <td>42</td> </tr> <tr> <td>Pen or pencil</td> <td>48</td> </tr> </tbody> </table> </div> <p data-bbox="204 548 430 582"><b>Column chart:</b></p> <ol data-bbox="252 593 1372 801" style="list-style-type: none"> <li>1. Suitable title – reference to products/items sold <b>and</b> correct data (items sold) (1)</li> <li>2. Appropriate X <b>and</b> Y axis labels (1)</li> <li>3. Data labels inside column at top (1)</li> <li>4. Labels – black text on a white background (1)</li> </ol>	Items	Number sold	Writing Pads	52	Accessories	37	Case	42	Pen or pencil	48	<p data-bbox="1452 235 1476 268">4</p>
Items	Number sold											
Writing Pads	52											
Accessories	37											
Case	42											
Pen or pencil	48											
	<b>Total for task B2</b>	<b>4</b>										
<b>B3</b> (i)	<i>State the purpose of the PRODUCT function when used in a spreadsheet.</i> Multiply numbers or ranges in a single formula	1										
(ii)	<i>State <b>one</b> reason why some spreadsheets use multiple worksheets.</i> So that one worksheet is not cluttered/contains too much information/less data on one sheet To organise sheets (by topic/reference) Make the information easier to understand (since it is organised into separate tables)	1										
(iii)	<i>The cell range A2 to C6 on the INFORMATION worksheet has been given a name. Explain <b>one</b> benefit of using a named range in a spreadsheet.</i> You can refer to the range in a formula/function (1) without needing to remember the cell references (1) Easier to replicate a formula (1) rather than typing or highlighting the entire range and turning it into an absolute cell reference (1)	2										
	<b>Total for Task B3</b>	<b>4</b>										

**B4 Word processing**

## Design from paper

Stationery Sets Image  
OPENING SOON

LOGO

---

Welcome to PaperBase

Stationery items coming soon	
Item	Prices from
2025 Diary	£10.00
Scented pens	£8.00
Fountain pens	£20.00
Wooden cases	£10.00
... and lots more!	

Stationery Supplies  
Image

School Stationery  
Image

## Example

Stationery Sets Image  
OPENING SOON

Stationery Sets Image

---

Welcome to PaperBase

Stationery items coming soon	
Item	Prices from
2025 Diary	£10.00
Scented pens	£8.00
Fountain pens	£20.00
Wooden cases	£10.00
... and lots more!	

You are invited to our pop-up shop

We open on Saturday 7<sup>th</sup> December 2024 at 10.00

We will be open 7 days a week until Sunday 22<sup>nd</sup> December 2024

Our opening times are:

- Monday to Saturday 10.00 – 8.00
- Sunday 11.00 – 6.00

We look forward to seeing you.

Stationery Supplies Image

School Stationery Image

**a** Flyer

1. A5 **and** portrait (1)
2. Stationery Sets image top left of page with text OPENING SOON (anywhere on the image) – correct case and spelling (1)
3. Logo top right (1)
4. 2 lines of **equal length** across page (as shown in the design) – must see both ends of the lines (1)
5. 4 hexagons – **overlapped** and filled with pink, blue, yellow, green (any order) (1)
6. 'Welcome to PaperBase' – correct CamelCase and spelling, size 24 **and** blue outline with no fill **and** shadow (1)
7. Two images inserted on the left of the flyer in the order of the design – no visible distortion (1)
8. **Appropriate** alt text on either image (1)

**Text box on the right**

9. **All** text from FLYER TEXT document included **and** visible (1)
10. Bullets used for opening days and times (1)
11. Dark blue text (1)
12. Discount image included with a 2pt border (any visible colour) (1)

**Table**

13. Rows 1 **and** 7 merged **and** centred (1)
14. Row 1 **only** pink background **and** white text – all visible (1)
15. *Item* and *Prices from* – bold, Items and their prices correspond, *Prices from* values right aligned. Ignore case and spelling (1)

b (i)	<p>Identify <b>one</b> weakness of the flyer (1) and suggest one possible improvement (1)</p> <p>Any appropriate weakness (1) and one appropriate improvement linked to the given weakness (1)</p>	2
(ii)	<p>One reason to proofread your work is to ensure there are <b>no spelling or grammar errors</b>.</p> <p>State <b>one other</b> reason why it is important to proofread your work.</p> <p>To ensure it is correct/accurate</p> <p>Ensure consistency</p> <p>Award any appropriate response</p>	1
(iii)	<p>Explain <b>one</b> reason why the spell checker may identify PaperBase as a <b>spelling error</b>.</p> <p>It is the name of a company (1) so would not be in the software's dictionary (1)</p> <p>It would expect a space between Paper and Base (1) as PaperBase is not a recognised word (1)</p>	2
<b>Total for Task B4</b>		<b>20</b>

