



Pearson  
Edexcel

Mark Scheme (Results)

October 2023

Pearson Edexcel International Primary  
Curriculum In Computing (JCP11)  
Paper 01

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

**iPrimary Computing October 2023  
Paper 1 Section A 2310**

Question number	Answer	Mark
<b>1</b>	<p><b>The only correct answer is D</b></p> <p>A is incorrect because this would be a scanner            B is incorrect because this would be a media player            C is incorrect because this would be a games device</p>	<b>(1)</b>

Question number	Answer	Mark
<b>2</b>	<p><b>The only correct answer is B</b></p> <p>A is incorrect because a buzzer is an output device            C is incorrect because a light is an output device            D is incorrect because a speaker is an output device</p>	<b>(1)</b>

Question number	Answer	Mark
<b>3</b>	<p><b>The only correct answer is A</b></p> <p>B is incorrect because a password is a set of characters            C is incorrect because a PIN is a short numeric code            C is incorrect because a username is the name of an account</p>	<b>(1)</b>

Question number	Answer	Mark
<b>4 (a)</b>	<p>Award <b>one</b> mark for:</p> <p>Tricking people into revealing confidential or personal information is a form of social <b>engineering</b></p>	<b>(1)</b>
<b>4 (b)</b>	<p>Award <b>one</b> mark for each of:</p> <p>Shoulder <b>surfing</b> is used to get information from someone else's laptop screen.</p> <p>Redirecting a user to a fake website is <b>pharming</b></p>	<b>(2)</b>

Question number	Answer	Mark
<b>5</b>	<p><b>The only correct answer is B</b></p> <p>A is incorrect because the WWW is not a collection of connected devices            C is incorrect because the WWW is not a global network of networks            D is incorrect because the WWW is not a global website</p>	<b>(1)</b>

Question number	Answer	Mark
6	<p><b>The only correct answer is D</b></p> <p>A is incorrect because decomposing is not a method of watching a live event online</p> <p>B is incorrect because downloading would copy the live event to the device</p> <p>C is incorrect because saving would not be needed</p>	(1)

Question number	Answer	Mark
7	<p>Award <b>one</b> mark for:</p> <p>It is Ahmed's responsibility to check the <b>licence</b> to see what he is allowed to do with the image.</p>	(1)

Question number	Answer	Mark
8	<p>Award <b>one</b> mark for each of:</p> <p>A wired phone network uses <b>cable</b> to connect to the Internet whereas a mobile phone network uses <b>radio</b> waves to connect to the Internet</p>	(2)

Question number	Answer	Mark
9	<p><b>The only correct answer is A</b></p> <p>B is incorrect because a hyperlink is not a discussion area on a website</p> <p>C is incorrect because a webcam is not a discussion area on a website</p> <p>D is incorrect because a webpage is not a discussion area on a website</p>	(1)

Question number	Answer	Mark
10	<p>Award up to <b>two</b> marks for a linked explanation such as:</p> <ul style="list-style-type: none"> <li>Using <b>-polar bears</b> will not include polar bears in the results (1) whereas using <b>polar bears</b> will include polar bears in the results (1)</li> <li><b>-polar</b> will give results for bears (1) but not polar bears (1)</li> <li>Using <b>-</b> before the search term means the search engine excludes it (1) without <b>-</b> the search term is included (1)</li> </ul>	(2)

Question number	Answer	Mark
11	<p>Award <b>one</b> mark for any of the following:</p> <ul style="list-style-type: none"> <li>So that the webpage can be found again quickly/easily (1)</li> <li>So that they can revisit the page at a later date (1)</li> <li>To provide a short-cut to the page (1)</li> </ul>	(1)

	<ul style="list-style-type: none"> <li>To store the link to the webpage (1)</li> </ul> <p>Do not award the mark if the response is about a physical book</p>	
Question number	Answer	Mark
12	<p>Award <b>one</b> mark for:</p> <p>Digital <b>etiquette</b> is the way people should behave when interacting with each other online.</p>	(1)

Question number	Answer	Mark
13	<p>Award <b>one</b> mark for each correct line:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>Health issue</p> <div style="border: 1px solid black; padding: 5px; width: 150px; margin: 10px auto;">Repetitive strain injury (RSI)</div> <div style="border: 1px solid black; padding: 5px; width: 150px; margin: 10px auto;">Eye strain</div> </div> <div style="text-align: center;"> <p>Cause</p> <div style="border: 1px solid black; padding: 5px; width: 200px; margin: 10px auto;">Looking at the screen for too long</div> <div style="border: 1px solid black; padding: 5px; width: 200px; margin: 10px auto;">Sitting too long at a desk</div> <div style="border: 1px solid black; padding: 5px; width: 200px; margin: 10px auto;">Not getting enough physical exercise</div> <div style="border: 1px solid black; padding: 5px; width: 200px; margin: 10px auto;">Repeatedly performing the same movement</div> </div> </div> <p>Ignore clearly crossed out lines and credit replacement if correct.</p> <p>Do not award answers where a box has more than one line.</p>	(2)

Question number	Answer	Mark
14	<p>Award <b>one</b> mark for:</p> <p>One benefit of a <b>network</b> is that it enables office workers to access their files even when they are away from their desk.</p>	(1)

Question number	Answer	Mark
15	<p>Award <b>one</b> mark for:</p> <p>One form of cyberbullying is <b>threatening</b> someone online.</p>	(1)

Question number	Answer	Mark
16	<p>Award <b>one</b> mark for any of the following:</p>	(1)

	<ul style="list-style-type: none"> <li>• To set out what the program must do (1)</li> <li>• To produce a design (1)</li> <li>• To explain how the program will work (1)</li> <li>• To show the steps / give instructions for the program (1)</li> </ul>	
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Question number	Answer	Mark
<b>17 (a)</b>	<p>Award up to <b>three</b> marks for a linked description such as:</p> <ul style="list-style-type: none"> <li>• input a number (1)</li> <li>• calculate the remainder when Number divided by 2 / decide whether the input number is odd or even (1)</li> <li>• sets the number type to odd or even / outputs whether the number is even or odd / outputs the number type (1)</li> </ul> <p>Example</p> <ul style="list-style-type: none"> <li>• A number is input (1) the remainder is calculated by dividing the number by 2 (1) if the remainder is 0 the number type is set to even otherwise it is set to odd (1)</li> <li>• The remainder of the input number (1) divided 2 is found (1) and then even or odd is displayed (1)</li> </ul>	<b>(3)</b>
<b>17 (b)</b>	<p>Award <b>one</b> mark for any of the following up to a maximum of <b>2</b> marks:</p> <ul style="list-style-type: none"> <li>• Number (1)</li> <li>• Remainder (1)</li> <li>• Number Type (1)</li> </ul> <p>Do not award for full descriptions given e.g. do not award Set Number Type etc.</p>	<b>(2)</b>
<b>17 (c)</b>	<p>Award <b>one</b> mark for any of the following up to a maximum of <b>2</b> marks:</p> <ul style="list-style-type: none"> <li>• (Command) sequence (1)</li> <li>• selection/decision/If (1)</li> <li>• output/display (1)</li> </ul>	<b>(2)</b>

Question number	Answer	Mark
<b>18</b>	<p>Award <b>one</b> mark for each of:</p> <p>Get input  Input first word  <i>Input last word</i> (1)</p> <p>Swap words  temp = first word  first word = last word  <i>last word = temp</i> (1)</p> <p>Display swapped words  Display last word followed by first word</p> <p>Get input</p> <ul style="list-style-type: none"> <li>• variable name can be anything that makes sense</li> </ul>	<b>(2)</b>

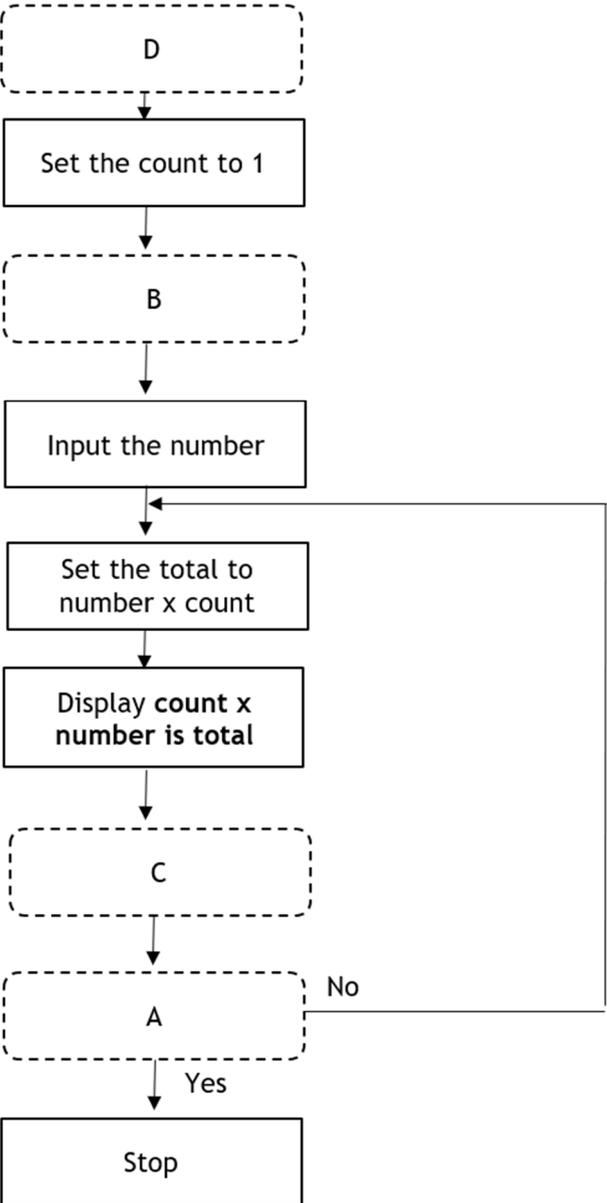
	<ul style="list-style-type: none"> <li>accept sensible alternatives to Input</li> </ul> Swap words <ul style="list-style-type: none"> <li>award last word = temp mark without Get Input</li> <li>award ..... word = temp if ..... matches Get Input</li> </ul>	
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Question number	Answer	Mark
<b>19 (a)</b>	Award <b>one</b> mark for: <ul style="list-style-type: none"> <li>Integer (1)</li> </ul>	<b>(1)</b>
<b>19 (b)</b>	<b>The only correct answer is C</b> A is incorrect because this calculation would not produce the required results B is incorrect because this calculation would not produce the required results D is incorrect because this calculation would not produce the required results	<b>(1)</b>

Question number	Answer	Mark
<b>20</b>	<b>The only correct answer is B</b> B is incorrect because Boolean is used for true and false values C is incorrect because Real is used for decimal numbers D is incorrect because Text is not a data type	<b>(1)</b>

Question number	Answer	Mark
<b>21</b>	Award <b>one</b> mark for any of the following: <ul style="list-style-type: none"> <li>Add the Number to the Total (1)</li> <li>Total = Total + Number (1)</li> <li>Set Total to Total + Number (1)</li> <li>Calculate the Total (1)</li> </ul>	<b>(1)</b>

Question number	Answer	Mark
<b>22 (a)</b>	Award up to <b>two</b> marks for a linked description such as: <ul style="list-style-type: none"> <li>The arrow below Display the first number is bigger (1) should go to stop (1)</li> </ul>	<b>(2)</b>
<b>22 (b)</b>	Award <b>one</b> mark for: <ul style="list-style-type: none"> <li>The numbers input are decimal / may not be whole numbers (1)</li> </ul>	<b>(1)</b>

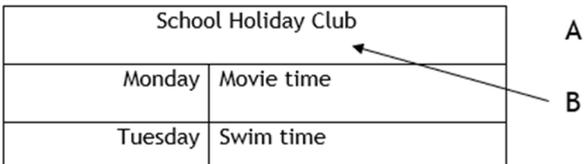
Question number	Answer	Mark
23	<p>Award <b>one</b> mark for any of the following up to a maximum of <b>3</b> marks:</p> <ul style="list-style-type: none"> <li>• D (Start) in correct box (1)</li> <li>• B (Set the total to 0) in correct box (1)</li> <li>• C (Add 1 to the count) and A (is the count more than 6?) in correct boxes(1)</li> </ul>  <pre> graph TD     D[D] --&gt; S1[Set the count to 1]     S1 --&gt; B[B]     B --&gt; S2[Input the number]     S2 --&gt; S3[Set the total to number x count]     S3 --&gt; S4[Display count x number is total]     S4 --&gt; C[C]     C --&gt; A{A}     A -- Yes --&gt; S5[Stop]     A -- No --&gt; S2   </pre>	(3)

**Section B**

Question number	Answer	Mark
24	Award <b>one</b> mark for each of: <ul style="list-style-type: none"> <li>• Spreadsheet (1)</li> <li>• Word processing (1)</li> </ul>	(2)

Question number	Answer	Mark
25	<p><b>The only correct answer is C</b></p> <p>A is incorrect because this would not because using the correct file format won't stop files being lost</p> <p>B is incorrect because creating a sensible folder structure would not help to make sure work is not lost</p> <p>D is incorrect because using a meaningful file name would not help to make sure work is not lost</p>	(1)

Question number	Answer	Mark																		
26 (a)	<p>Award <b>one</b> mark for:</p> <ul style="list-style-type: none"> <li>• Line drawn from A to any of the days (1)</li> </ul>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">School Holiday Club</td> <td></td> </tr> <tr> <td style="text-align: center;">Monday</td> <td style="text-align: center;">Movie time</td> <td style="text-align: center;">A</td> </tr> <tr> <td style="text-align: center;">Tuesday</td> <td style="text-align: center;">Swim time</td> <td style="text-align: center;">B</td> </tr> <tr> <td style="text-align: center;">Wednesday</td> <td style="text-align: center;">Athletics time</td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">Thursday</td> <td style="text-align: center;">Day off</td> <td style="text-align: center;">D</td> </tr> <tr> <td style="text-align: center;">Friday</td> <td style="text-align: center;">Free play time</td> <td></td> </tr> </table>	School Holiday Club			Monday	Movie time	A	Tuesday	Swim time	B	Wednesday	Athletics time	C	Thursday	Day off	D	Friday	Free play time		(1)
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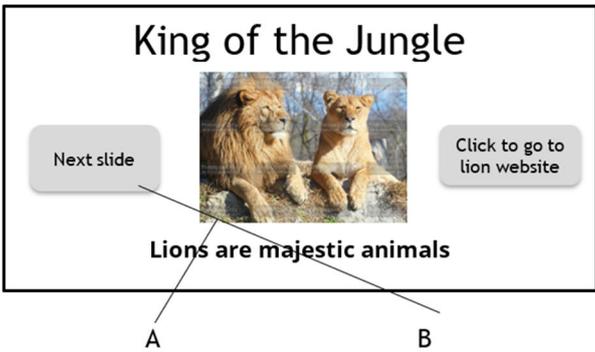
26 (b)	<p>Award <b>one</b> mark for:</p> <ul style="list-style-type: none"> <li>• Line drawn from B to School Holiday Club (1)</li> </ul>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">School Holiday Club</td> <td style="text-align: center;">A</td> </tr> <tr> <td style="text-align: center;">Monday</td> <td style="text-align: center;">Movie time</td> <td style="text-align: center;">B</td> </tr> <tr> <td style="text-align: center;">Tuesday</td> <td style="text-align: center;">Swim time</td> <td></td> </tr> </table>	School Holiday Club		A	Monday	Movie time	B	Tuesday	Swim time		(1)
School Holiday Club		A									
Monday	Movie time	B									
Tuesday	Swim time										

Question number	Answer	Mark																		
26 (c)	<p>Award <b>one</b> mark for:</p> <ul style="list-style-type: none"> <li>Line drawn from C to any border (1)</li> </ul> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr> <td colspan="2">School Holiday Club</td> <td>A</td> </tr> <tr> <td>Monday</td> <td>Movie time</td> <td>B</td> </tr> <tr> <td>Tuesday</td> <td>Swim time</td> <td>C</td> </tr> <tr> <td>Wednesday</td> <td>Athletics time</td> <td></td> </tr> <tr> <td>Thursday</td> <td>Day off</td> <td>D</td> </tr> <tr> <td>Friday</td> <td>Free play time</td> <td></td> </tr> </table> <p style="text-align: right; margin-right: 20px;">↖</p> </div> <p>Must point to a border line</p>	School Holiday Club		A	Monday	Movie time	B	Tuesday	Swim time	C	Wednesday	Athletics time		Thursday	Day off	D	Friday	Free play time		(1)
School Holiday Club		A																		
Monday	Movie time	B																		
Tuesday	Swim time	C																		
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Thursday	Day off	D																		
Friday	Free play time																			
26 (d)	<p>Award <b>one</b> mark for:</p> <ul style="list-style-type: none"> <li>Line drawn from D to Day off cell (1)</li> </ul> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr> <td>Wednesday</td> <td>Athletics time</td> <td>~</td> </tr> <tr> <td>Thursday</td> <td>Day off</td> <td>D</td> </tr> <tr> <td>Friday</td> <td>Free play time</td> <td></td> </tr> </table> <p style="text-align: right; margin-right: 20px;">←</p> </div>	Wednesday	Athletics time	~	Thursday	Day off	D	Friday	Free play time		(1)									
Wednesday	Athletics time	~																		
Thursday	Day off	D																		
Friday	Free play time																			

Question number	Answer	Mark
27 (a)	<p>Award <b>one</b> mark for:</p> <ul style="list-style-type: none"> <li>Any single record correctly circled (1)</li> </ul>	(1)
27 (b)	<p><b>The only correct answer is D</b></p> <p>A is incorrect because Currency is used for  B is incorrect because Date is used to date values  C is incorrect because Number is used for numerical values</p>	(1)
27 (c)	<p><b>The only correct answer is C</b></p> <p>A is incorrect because &lt; is the incorrect operator  B is incorrect because &gt; is the incorrect operator  D is incorrect because &lt;&gt; is the incorrect operator</p>	(1)

Question number	Answer	Mark
28 (a)	<p><b>The only correct answer is D</b></p> <p>A is incorrect because it is the incorrect range  B is incorrect because it is the incorrect range  C is incorrect because it is the incorrect range</p>	(1)
28 (b)	<p><b>The only correct answer is C</b></p> <p>A is incorrect because this is used for division</p>	(1)

	B is incorrect because this is used for addition D is incorrect because this is used for subtraction	
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Question number	Answer	Mark
<b>29 (a)</b>	<b>The only correct answer is C</b>  A is incorrect because the component is an image not an animation B is incorrect because the component is an image not a button D is incorrect because the component is an image not a video	<b>(1)</b>
<b>29 (b)</b>	Award <b>one</b> mark for: <ul style="list-style-type: none"> <li>A line drawn from B to Next Slide (1)</li> </ul> <div style="text-align: center;">  <p>The screenshot shows a slide titled "King of the Jungle" featuring a photograph of two lions. Below the photo is the text "Lions are majestic animals". There are two buttons: "Next slide" on the left and "Click to go to lion website" on the right. A line labeled 'A' points from the "Next slide" button to the text "A line drawn from B to Next Slide (1)" in the answer. Another line labeled 'B' points from the "Click to go to lion website" button to the same text.</p> </div>	<b>(1)</b>

Question number	Answer	Mark
<b>30 (a)</b>	Award <b>one</b> mark for each of:  The house in image <b>A</b> has been drawn using <b>triangle</b> and <b>rectangle</b> shapes.  Or  The house in image <b>A</b> has been drawn using <b>rectangle</b> and <b>triangle</b> shapes.	<b>(2)</b>
<b>30 (b)</b>	Award <b>one</b> mark for any of the following up to a maximum of two marks: <ul style="list-style-type: none"> <li>Select/get/use the oval/circle/shape (1)</li> <li>Draw/add/put the oval/circle/shape (1)</li> <li>Fill/shade the oval/circle/shape (1)</li> <li>Send the oval/circle/shape behind the house / bring the house forward (1)</li> </ul> Examples <ul style="list-style-type: none"> <li>Select the shape you want to use (1) and click where you want to draw it (1)</li> <li>Draw an oval shape (1) and send it behind the house (1)</li> <li>Draw an oval shape (1) and fill it (with black) (1)</li> </ul>	<b>(2)</b>

Question number	Answer	Mark
31	<p data-bbox="336 199 1114 230">Award up to <b>two</b> marks for a linked explanation such as:</p> <ul data-bbox="389 264 1225 607" style="list-style-type: none"><li data-bbox="389 264 1225 353">• Recycling/fixing old or broken devices (1) would stop as many being thrown away / save having to get a new one (1)</li><li data-bbox="389 360 1225 427">• Not buying new devices / reusing (1) when the old ones still work (1)</li><li data-bbox="389 434 1225 501">• Manufacturers could release fewer new devices (1) so that people are not tempted to buy new ones (1)</li><li data-bbox="389 508 1225 607">• Users would be able to keep their devices for longer (1) if manufacturers would continue to provide security/software updates for them / would make it easier to service them/replace failed parts (1).</li></ul>	<b>(2)</b>

