



Mark Scheme (Results)

Summer 2021

Pearson Edexcel International  
Award In Primary 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.

## Section A

Question number	Answer	Mark
1	<p><b>The only correct answer is D</b></p> <p>A is not correct because this would be OCR            B is not correct because this would be a music player            C is not correct because this would be a games device</p>	(1)

Question number	Answer	Mark
2	<p><b>The only correct answer is A</b></p> <p>B is not correct because this is an input peripheral            C is not correct because this is an input peripheral            D is not correct because this is an input peripheral</p>	(1)

Question number	Answer	Mark
3 (a)	engineering	(1)
3 (b)	pharming	(1)

Question number	Answer	Mark
4 (a)	<p>PIN uses numbers            Passwords can also have text/word/letters (and symbols)            PIN is shorter            PIN is less secure</p>	(1)
4 (b)	<p><b>The only correct answer is A</b></p> <p>B is not correct because this is not a security method            C is not correct because this is not a security method            D is not correct because this is not a security method</p>	(1)

Question number	Answer	Mark
5	A global network of networks	(1)

Question number	Answer	Mark
6	<p><b>The only correct answer is C</b></p> <p>A is not correct because this is not a method of copying a file  B is not correct because this is not a method of copying a file  D is not correct because this does not copy the file onto the device</p>	(1)

Question number	Answer	Mark
7	<p><b>The only correct answer is B</b></p> <p>A is not correct because this is not legislation  C is not correct because this is not legislation  D is not correct because this is not legislation</p>	(1)

Question number	Answer	Mark
8	<p>Any two from:</p> <p>Mobile/cell phone network/4G  Wired (phone) network/landline/dial-up  Wireless/Wi-Fi  Satellite</p>	(2)

Question number	Answer	Mark
9	<p><b>The only correct answer is D</b></p> <p>A is not correct because + is not the operator used to find an exact match  B is not correct because ~ is not the operator used to find an exact match  C is not correct because - is not the operator used to find an exact match</p>	(1)

Question number	Answer	Mark
10 (a)	B	(1)
10 (b)	<p>Award up to 2 marks for a linked explanation:</p> <p>B looks like a science website (accept the URL) (1) and has a sensible date (accept the date) (1)  A looks like a fake website (accept the URL) (1) and has a date in the future (accept the date) (1)  B has a sensible date (1) whereas A is in the future (1)  B looks like a science website (1) whereas B looks like a fake website (1)</p>	(2)

Question number	Answer	Mark
11	page/site	(1)

Question number	Answer	Mark
12 (a)	<p>Award 1 mark for any of:</p> <ul style="list-style-type: none"> <li>• positioning the screen at eye level / appropriate distance away</li> <li>• look away from the screen occasionally (by looking at a distant object) / blink regularly</li> <li>• appropriate lighting / ensure no glare on the screen</li> <li>• appropriate brightness / appropriate contrast</li> <li>• increasing the text size/no small text to read</li> </ul> <p>Do not accept take regular breaks as it is in the question stem</p>	(1)
12 (b)	<p>Award 1 mark for any of:</p> <ul style="list-style-type: none"> <li>• don't keep wrists in the same position / position wrists well</li> <li>• use wrist rest / use ergonomic keyboard</li> <li>• doing stretch exercises</li> <li>• keyboard appropriately positioned</li> </ul> <p>Do not accept take regular breaks as it is in the question stem</p>	(1)

Question number	Answer	Mark
13	transferring accept emailing in this context	(1)

Question number	Answer	Mark
14	cyberbullying	(1)

Question number	Answer	Mark
15	Algorithm Accept flowchart	(1)

Question number	Answer	Mark
16 (a)	<p>Award 1 mark for each descriptive point up to a maximum of 2 marks:</p> <p>Inputs a character (1), checks if it is a letter, number or symbol (1) and outputs a type (1)</p> <p>Allow 1 mark for a descriptive point about the contents of the algorithm:</p> <ul style="list-style-type: none"> <li>• input Character</li> <li>• is Character between 1 and 9?</li> <li>• is Character a letter between a and z?</li> <li>• is Character a letter between A and Z</li> <li>• Set Character Type to symbol</li> <li>• Display Character Type</li> <li>• Set Character Type to number</li> <li>• Set Character Type to letter</li> </ul>	(2)
16 (b)	<p>Award 1 mark each</p> <ul style="list-style-type: none"> <li>• Character</li> <li>• Character Type</li> </ul>	(2)
16 (c)	<p>Award 1 mark each</p> <ul style="list-style-type: none"> <li>• Sequence</li> <li>• Selection</li> </ul> <p>Order does not matter.</p>	(2)

Question number	Answer	Mark
17	<p>Award 1 mark each</p> <p>Get input  Input first number  <i>Input second number (1)</i></p> <p>Calculate Answer  <i>(Answer =) first number + second number (1)</i></p> <p>Display Answer</p> <p>Accept sensible alternative variable name for the first mark and follow through for the second mark  Accept sensible alternatives to Input  Accept add numbers together</p>	(2)

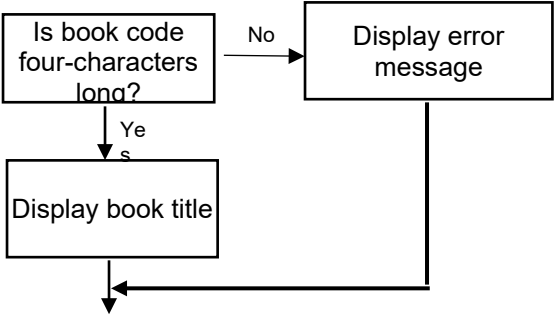
Question number	Answer	Mark
18 (a)	<p>real / float / currency / decimal</p> <p>accept integer</p>	(1)
18 (b)	<p><b>The only correct answer is A</b></p> <p>B is not correct because this calculation would not produce the required results  C is not correct because this calculation would not produce the required results  D is not correct because this calculation would not produce the required results</p>	(1)

Question number	Answer	Mark
19	<p><b>The only correct answer is A</b></p> <p>B is not correct because only Boolean is true/false  C is not correct because only Boolean is true/false  D is not correct because only Boolean is true/false</p>	(1)



Question number	Answer	Mark
20	<p>Average Age = Total Age / Count</p> <p>Calculate average age</p>	(1)

Question number	Answer	Mark
21 (a)	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p>Is the Month Name June OR August?</p> </div>	(1)
21 (b)	<p>Award up to 2 marks for a linked explanation.</p> <ul style="list-style-type: none"> <li>• The number of days in June and July would not display correctly (1)</li> <li>• because the condition should have July OR August / June only has 30 days not 31 days(1)</li> </ul> <p>Example If it is June or August it will display 31 days because the box should have July and not June in it.</p> <p>The box has June and August in it (1) when it should have July and August (1)</p> <p>July should be in the box not June (1) because June only has 30 days (1)</p>	(2)
21 (c)	logical	(1)

Question number	Answer	Mark
22	<p data-bbox="328 255 807 288">Award 1 mark up to a maximum of 3</p> <ul data-bbox="376 336 1031 483" style="list-style-type: none"><li data-bbox="376 336 687 369">• Decision present (1)</li><li data-bbox="376 374 799 407">• Output of both messages (1)</li><li data-bbox="376 412 847 445">• Arrows connecting all actions (1)</li><li data-bbox="376 450 1031 483">• Decision labelled with Yes and No correctly (1)</li></ul> <p data-bbox="328 530 1182 602">This does not have to be drawn as a diagram, or in boxes. As long as the key points are present, the marks can be awarded.</p> <p data-bbox="328 647 1134 719">No requirement to use different flowchart symbols to indicate different functions (parallelogram, rhombus, rectangles).</p> <p data-bbox="328 763 448 797">Example:</p>  <pre data-bbox="347 835 903 1149">graph TD; A[Is book code four-characters long?] -- No --&gt; B[Display error message]; A -- Yes --&gt; C[Display book title]; B --&gt; D[ ]; C --&gt; D; D --&gt; E[ ];</pre>	(3)

## Section B

Question number	Answer	Mark
23	<p>Award up to 2 marks for a linked explanation.</p> <ul style="list-style-type: none"> <li>• We throw away tons of electronics</li> <li>• People don't know how to fix them</li> <li>• There aren't enough recyclers</li> <li>• New devices come on the market regularly</li> <li>• Manufacturers persuade consumers to buy new devices</li> <li>• More people want / are buying digital devices</li> </ul> <p>Examples:            Lots of broken devices end up as e-waste because people don't know how to fix them.            New devices are released regularly and many people want the most up to date device.</p>	(2)

Question number	Answer	Mark
24	<p><b>The only correct answer is B</b></p> <p>A is not correct because it is not suitable for producing posters            C is not correct because it is not suitable for producing posters            D is not correct because it is not suitable for producing posters</p>	(1)

Question number	Answer	Mark
25	Filename	(1)

Question number	Answer	Mark
26 (a)	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Clean your teeth!</div> <p>Or shaded area</p>	(1)
26 (b)	Getting ready for school	(1)
26 (c)	a. Clean teeth b. Brush hair c. Put clothes on	(1)
26(d)	Shading correctly identified	(1)

Question number	Answer	Mark
27 (a)	A field correctly identified	(1)
27 (b)	<b>The only correct answer is A</b>  B is not correct because it is not a data type for Price C is not correct because it is not a data type for Price D is not correct because it is not a data type for Price	(1)
27 (c)	<b>The only correct answer is C</b>  A is not correct because it includes £ B is not correct because the operator is incorrect D is not correct because the operator is incorrect	(1)

Question number	Answer	Mark
28 (a)	Any cell circled	(1)
28 (b)	<b>The only correct answer is D</b>  A is not correct because it is the incorrect range B is not correct because it is the incorrect range C is not correct because it is the incorrect range	(1)

Question number	Answer	Mark
29	<b>The only correct answer is D</b>  A is not correct because this would be used for division B is not correct because this would be used for addition C is not correct because this would be used for multiplication	(1)

Question number	Answer	Mark
30 (a)	<b>The only correct answer is B</b>  A is not correct because it is a component to add animation C is not correct because it is a component to add an image D is not correct because it is a component used to add a video	(1)
30 (b)	<a href="https://englishtofrench.com">https://englishtofrench.com</a>	(1)

Question number	Answer	Mark
31 (a)	Circle Triangle	(2)
31 (b)	Award up to two marks for a linked description.  Select the shape you want to use (1) Click where you want to put the hat and draw it (1)  Example Click on the rectangle and draw it on top of the snowman's head	(2)

