



Pearson
Edexcel

Mark Scheme (Results)

Summer 2022

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>The only correct answer is D</p> <p><i>A is not correct because a Desktop PC would not be suitable for taking photographs in a park</i></p> <p><i>B is not correct because a media player would not be suitable for taking photographs in a park</i></p> <p><i>C is not correct because a microphone would not be suitable for taking photographs in a park</i></p>	(1)

Question number	Answer	Mark
2	<p>Award one mark for each correct line</p> <pre> graph LR Database[Database] --- Caption[Caption] Spreadsheet[Spreadsheet] --- Table[Table] Graphics[Graphics] --- Cell[Cell] </pre>	(3)

Question number	Answer	Mark
3	<p>The only correct answer is C</p> <p><i>A is not correct because it does not use radio waves</i></p> <p><i>B is not correct because it is not a phone network</i></p> <p><i>C is not correct because it does not use radio waves</i></p>	(1)

Question number	Answer	Mark
4	Award up to 2 marks for a linked description. Tricking people into / malicious attempt at (1) giving up confidential/personal information/clicking on a link in an email (1)	(2)

Question number	Answer	Mark
5	Award 1 mark for any of: PIN (1) Password (1) Biometrics (1)	(1)

Question number	Answer	Mark
6	The only correct answer is A <i>B is not correct because this is not inappropriate digital etiquette</i> <i>C is not correct because this is not inappropriate digital etiquette</i> <i>D is not correct because this is not inappropriate digital etiquette</i>	(1)

Question number	Answer	Mark
7	The only correct answer is C <i>A is not correct because it is not an action you should take</i> <i>B is not correct because it is not an action you should take</i> <i>D is not correct because it is not an action you should take</i>	(1)

Question number	Answer	Mark
8	The only correct answer is A <i>B is not correct because this will not avoid wrist strain</i> <i>C is not correct because this will not avoid wrist strain</i> <i>D is not correct because this will not avoid wrist strain</i>	(1)

Question number	Answer	Mark
9	<p>Award up to 2 marks for a linked description such as:</p> <ul style="list-style-type: none"> • Use online exercise videos (1) to do/practice exercises (at home) / to show you how to exercise properly (1) • Install exercise app on your device (1) that gets you moving (1) • Join online gym (1) and take part in online classes (1) 	(2)

Question number	Answer	Mark
10	<p>Award 1 mark for any of:</p> <ul style="list-style-type: none"> • Can be accessed from a wide variety of devices (1) • Can be accessed 24/7 / from any location with an internet connection (1) • More choice of content (1) • Access to latest content (1) • Less local storage capacity required (1) • Parental controls to limit what children can view (1) • Can watch trailer before deciding to view (1) • Can play multi-user games with other people online / play games online (1) • Can stream music and movies on demand (1) 	(1)

Question number	Answer	Mark
11	<p>Award 1 mark for any of:</p> <ul style="list-style-type: none"> • Upload homework (1) • View/download resources (1) • Look at class timetable (1) • Communicate with the teacher / collaborate with students (1) • Access links to other resources (1) • Take online tests (1) • Feedback (1) • Marking (1) • Work from home (1) • Lessons can be recorded 	(1)

Question number	Answer	Mark
12	<p>The only correct answer is D</p> <p><i>A is not correct because it is not a user-generated reference site</i> <i>B is not correct because it is not a user-generated reference site</i> <i>C is not correct because it is not a user-generated reference site</i></p>	(1)

Question number	Answer	Mark
13	<p>The only correct answer is D</p> <p><i>A is not correct because it is not a benefit</i> <i>B is not correct because it is not a benefit</i> <i>C is not correct because it is not a benefit</i></p>	(1)

Question number	Answer	Mark
14	<p>The only correct answer is B</p> <p><i>A is not correct because it is not as specific as B</i> <i>C is not correct because it is not as specific as B</i> <i>D is not correct because it is not as specific as B</i></p>	(1)

Question number	Answer	Mark
15	Copyright	(1)

Question number	Answer	Mark
16	inaccurate	(1)

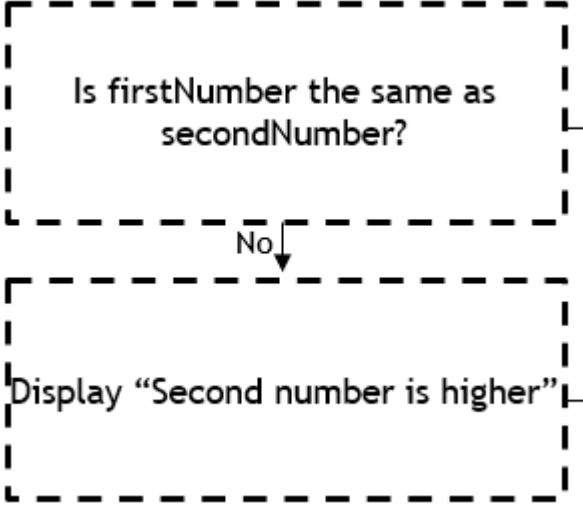
Question number	Answer	Mark
17	<p>Award 1 mark each:</p> <p>Product catalogue (1) Secure payment (1)</p>	(2)

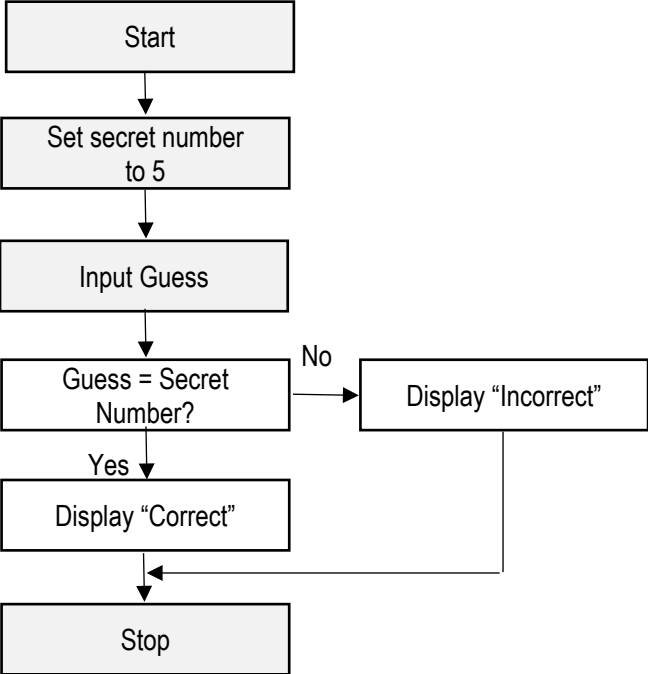
Question number	Answer	Mark
18	algorithm	(1)

Question number	Answer	Mark
19	decomposition	(1)

Question number	Answer	Mark
20 (a)	String/text	(1)
20 (b)	Real/float/currency/decimal	(1)
20 (c)	Integer	(1)
20 (d)	Boolean Allow: True or False (must have both words) 1 or 0 (must have both values) Yes/No (must have both words)	(1)

Question number	Answer	Mark
21 (a)	Subtract 1 from the number of cubes	(1)
21 (b)	Award 1 mark for any of: Change subtract 1 from the number of cubes to add 1 to the number of cubes (1)	(1)
21 (c)	Number of cubes	(1)
21 (d)	Award up to 2 marks for a linked explanation. Repetition is needed because there is more than one shape (1) selection is needed so that only the cubes are counted (1)	(2)

Question number	Answer	Mark
22 (a)	<p>Award 1 mark for each of:</p> <p>Decision does not need a question mark</p> <p>Display must have display/output/print</p>  <pre> graph TD A[Is firstNumber the same as secondNumber?] -- No --> B[Display "Second number is higher"] </pre>	(2)
22 (b)	<p>Award 1 mark for any of:</p> <p>Circle around Display "First number is higher" (1)</p> <p>Circle around Display "The numbers are the same" (1)</p> <p>Circle around the display they have added (1)</p>	(1)
22 (c)	<p>Award 1 mark for any of:</p> <p>firstNumber (1)</p> <p>secondNumber (1)</p>	(1)

Question number	Answer	Mark
23	<p>Award 1 mark up to a maximum of 3</p> <p>The decision is present (Guess = Secret Number? Or equivalent) (1) Decision labelled with Yes and No correctly (1) Output of both words (accept without Display) (1)</p> <p>Award only if achieved at least one of the above: Lines/arrows connecting all necessary actions / allow follow through (1)</p> <p>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>No requirement to use different flowchart symbols to indicate different functions (parallelogram, rhombus, rectangles).</p>  <pre> graph TD Start([Start]) --> Set5[Set secret number to 5] Set5 --> Input[Input Guess] Input --> Decision{Guess = Secret Number?} Decision -- No --> DisplayIncorrect[Display "Incorrect"] DisplayIncorrect --> Decision Decision -- Yes --> DisplayCorrect[Display "Correct"] DisplayCorrect --> Stop([Stop]) </pre>	(3)

Section B

Question number	Answer	Mark										
24	<p>Award 1 mark for each of:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Software application</th> <th>Tick (✓)</th> </tr> </thead> <tbody> <tr> <td>Database management</td> <td>✓</td> </tr> <tr> <td>Graphics</td> <td></td> </tr> <tr> <td>Desktop publishing</td> <td></td> </tr> <tr> <td>Word processing</td> <td>✓</td> </tr> </tbody> </table>	Software application	Tick (✓)	Database management	✓	Graphics		Desktop publishing		Word processing	✓	(2)
Software application	Tick (✓)											
Database management	✓											
Graphics												
Desktop publishing												
Word processing	✓											

Question number	Answer	Mark
25	<p>The only correct answer is D</p> <p><i>A is not correct because it is not a positive impact</i> <i>B is not correct because it is not true</i> <i>C is not correct because it is not a positive impact</i></p>	(1)

Question number	Answer	Mark
26	<p>The only correct answer is C</p> <p><i>A is not correct because it is not a reason</i> <i>B is not correct because it is not a reason</i> <i>D is not correct because it is not a reason</i></p>	(1)

Question number	Answer	Mark
27 (a)	<p>Award 1 mark for any of</p> <p>3 Three Rectangles, circles, triangles</p>	(1)
27 (b)	<p>Award up to 2 marks for a linked description.</p> <p>Text / a text box / caption has been added / (1) and the image has been cropped/snipped/erased (1)</p> <p>(Cut tool used) to cut part of the image away (1) , text tool used to write the text (1)</p>	(2)

Question number	Answer	Mark														
28	<p>Award 1 mark for each of:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Component</th> <th>Tick (✓)</th> </tr> </thead> <tbody> <tr> <td>Button</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Cell</td> <td></td> </tr> <tr> <td>Drawing</td> <td></td> </tr> <tr> <td>Gridlines</td> <td></td> </tr> <tr> <td>Image</td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Table</td> <td></td> </tr> </tbody> </table>	Component	Tick (✓)	Button	✓	Cell		Drawing		Gridlines		Image	✓	Table		(2)
Component	Tick (✓)															
Button	✓															
Cell																
Drawing																
Gridlines																
Image	✓															
Table																

Question number	Answer	Mark
29	<p>Award up to 2 marks for a linked explanation.</p> <p>To use the word Days (1) as a title/heading (1) Because the title (1) needs to stretch across the days (1)</p>	(2)

Question number	Answer	Mark
30 (a)	<p>The only correct answer is B</p> <p><i>A is not correct because the text is aligned to the right</i> <i>C is not correct because the text is aligned to the right</i> <i>D is not correct because the text is aligned to the right</i></p>	(1)
30 (b)	<p>The only correct answer is C</p> <p><i>A is not correct because the text has numbers not bullets</i> <i>B is not correct because the text has numbers not bullets</i> <i>D is not correct because the text uses only one level of numbering</i></p>	(1)

Question number	Answer	Mark
31 (a)	Award 1 mark for each of: 5/five fields (1) 6/six records (1)	(2)
31 (b)	The only correct answer is D <i>A is not correct because it is not the data type used</i> <i>B is not correct because it is not the data type used</i> <i>C is not correct because it is not the data type used</i>	(1)
31 (c)	Award 1 mark for any of: 21/01/1972 (1) 21/1/1972 (1) 01/21/1972 (1) 1/21/1972 (1) Accept with delimiters e.g. #21/01/1972#	(1)

Question number	Answer	Mark
32 (a)	The only correct answer is B <i>A is not correct because it is not the correct formula</i> <i>C is not correct because it is not the correct formula</i> <i>D is not correct because it is not the correct formula</i>	(1)
32 (b)	Award 1 mark for any of: =B4*B6 (1) =B6*B4 (1) Accept without = Accept x in place of * Accept brackets Ignore SUM() or PRODUCT() or TOTAL()	(1)

Question number	Answer	Mark
33	columns	(1)

