

Oxford Revise | OCR Computer Science | Answers

Chapter 24 Testing

Question	Answer	Extra information	Marks	AO / Specification reference
1	<p>Iterative testing: means testing during program development. After an error is found and corrected it is repeatedly tested again until no error is found.</p> <p>Terminal/final testing: means testing the program as a whole once all programming is complete. It is testing the program to make sure it is ready to give to users.</p>	1 mark for each statement describing each type of testing. Up to 2 marks for each type of testing.	1 1 1 1	AO1/AO2 2.3.2
2	Testing a module takes less time than testing a whole program, making any errors easier to find.	1 mark for a correct statement. This answer is an example, other correct statements are also acceptable.	1	AO1 2.3.2

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3	<table border="1"> <thead> <tr> <th></th> <th colspan="3">Type of test data</th> </tr> <tr> <th>Test data</th> <th>Normal</th> <th>Boundary</th> <th>Erroneous</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>✓</td> <td>✓</td> <td></td> </tr> <tr> <td>500.78</td> <td></td> <td></td> <td>✓</td> </tr> <tr> <td>499</td> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Fifty</td> <td></td> <td></td> <td>✓</td> </tr> </tbody> </table>		Type of test data			Test data	Normal	Boundary	Erroneous	1	✓	✓		500.78			✓	499	✓			Fifty			✓	<p>1 mark for each correct row up to 4 marks.</p> <p>The shaded area is given in the question.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>AO2</p> <p>2.3.2</p>
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