

6-A-Day – Computer Science GCSE (43)

Q1	<p>Describe what is meant by</p> <p>Machine code</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>[4]</p>
Q2	<p>Graeme is a freelance programmer. He has written a program for a client and gives the client both the high level code and the machine code of the program.</p> <p>State why Graeme needs a compiler.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>[1]</p>
Q3	<p>Graeme hires a small team of programmers to work with him on larger projects.</p> <p>Describe the standards that Graeme and his team should apply to the code they produce, justifying why these standards are needed.</p> <p><i>The quality of your written communication will be assessed in your answer.</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>[6]</p>

***Produce a bullet point plan
for your essay answer***

Q4	<p>A hairdresser uses a relational database to keep records of his clients and their appointments. The hairdresser uses off-the-shelf data-handling software to manage the database.</p> <p>(a) State what is meant by off-the-shelf software.</p> <p>.....</p> <p>..... [1]</p>
Q5	<p>(b) Describe how the data-handling software can be used to set up the structure of the database, before any data is added.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>..... [3]</p>
Q6	<p>(c) State two tasks the hairdresser can perform using the data-handling software, once the database is in use.</p> <p>1</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>2</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>..... [2]</p>