## 6-A-Day – Computer Science GCSE (43)

Q1	<ul> <li>understandable</li> <li>binary instruction</li> <li>specific to a particular portable to different</li> </ul>	ons rticular (type of) com	-
Q2	To translate the <u>high level code into machine</u> To pick up (syntax) errors	Accept "errors"	oject code is acceptable on its own, but do not accept answers fically to logic or runtime errors.
Q3	Examples of standards;  Code should be written using standard/agreed conventions  such as in the choice/capitalisation of variable names  language chosen  use of functions  comments  Meaningful identifiers  Indenting (constructs)  Examples of justification  compatibility between components  consistency  allow multiple people to work on the same project  ensure coding conventions are kept  so others can read/edit the code	Allow answers relating to standardised design.	High level Response (5-6) A number of examples of coding standards are explained and justified. There will be few if any errors in spelling, grammar and punctuation. Technical terms will be used appropriately and correctly.  Medium level Response (3-4) Description of why standards are required with at least one example of a coding standard. Examples may not be wholly relevant. There may be occasional errors in spelling, grammar and punctuation. Technical terms will be mainly correct.  Low level Response (0-2) A vague description of coding standards or attempt to explain the need for standards. Information will be poorly expressed and there will be a limited, if any, use of technical terms. Errors of grammar, punctuation and spelling may be intrusive.
Q4	Software that is produced for a variety of user not for a specific user / commercially available anyone / immediately available	e to custom written. C  Do not accept sin	swers that state that it is not bespoke / landidates need to be more specific.  help "can be bought" as custom written hought. Do not accept "can be bought off the
Q5	Create tables / entities     Define fields / attributes / columns     Define (primary) keys     Define relationships / links between table keys     Set the constraints on the data /validation data types / field lengths / other suitable	es / foreign n rules /	lefine secondary keys / indexed fields

e.g.  • Add client/appointment data  2	
<ul> <li>Edit client/appointment data</li> <li>Delete client/appointment data</li> <li>Run/Create/View reports using a relevant example of a report that would be needed e.g. today's appointments</li> <li>Search/query for data using a relevant e.g. search for a client's phone number</li> <li>Back up (client/appointment) data.</li> <li>Archiving</li> </ul>	Q6

archiving