

6-A-Day – Computer Science GCSE (1)

Q1	<p>Describe:</p> <ul style="list-style-type: none">• A small block of very high speed memory...• ... acting as a buffer• ... between the CPU and the main memory• Stores data/instructions which are used frequently by the CPU <p>Explain</p> <ul style="list-style-type: none">• So the CPU does not have to access the main memory... Which is slower than the cache <p>[4]</p>
Q2	<p>eg</p> <ul style="list-style-type: none">• Immediately available...• ... so the shopkeeper can start using it straightaway • Tried and tested ...• ... and so less likely to have errors • No development costs... ... as this has already been borne by the developer • More support available...• ... many other users who can provide help/third party help books, help lines or web sites available <p>(marks in pairs)</p>
Q3	<ul style="list-style-type: none">• A (single) binary digit/1 or 0 <p>[1]</p> <ul style="list-style-type: none">• A group of 8 bits <p>Accept "the number of bits used to represent a character"</p> <p>[1]</p>

