

6-A-Day – Computer Science GCSE (2)

Q1	<ul style="list-style-type: none">• TRUE• TRUE• FALSE• TRUE <p>(1 mark per answer, in the right order)</p> <p style="text-align: right;">[4]</p>
Q2	<ul style="list-style-type: none">• The keyword AND has been misspelled• The symbol ADN will not be recognised• This breaks the rules of the language <ul style="list-style-type: none">• Type of error: syntax error <p>(1 mark for type of error, + any other 2)</p> <p style="text-align: right;">[3]</p>
Q3	<ul style="list-style-type: none">• Divide by 1024• 5 kilobytes <p style="text-align: right;">[2]</p>

Q4	<ul style="list-style-type: none">• Primary key: ChannelID• It is a unique identifier /Two channels can have the same ChannelName but they cannot have the same ChannelID <p>1 for primary key + any other 2 bullet points</p>	[2]
Q5	<p>e.g User access levels</p> <ul style="list-style-type: none">• Different users only have permissions to files/areas/services of the network ...• ... which they actually need• eg the public should only be able to search• eg only employees should issue books• eg only managers can look at pay records• to prevent malicious or accidental corruption of parts of the network <p>Firewalls</p> <ul style="list-style-type: none">• Stops all access to/from the WAN• ... unless it has been authorised• Eg requests from other libraries/• Prevents hackers• ... from compromising the system <p>Max of 2 per measure</p>	[4]
Q6	<ul style="list-style-type: none">• Network: string/text/alphanumeric• CallLength: real /float/single/double• SameNetwork: Boolean• TotalCalls: integer• RunningCost :currency/real	[5]