

6-A-Day – Computer Science GCSE (33)

Q1	<ul style="list-style-type: none">• 1 kilobyte = 1024 bytes/~1000bytes• 1 gigabyte =1024 x 1024 x 1024 bytes/~1000000000 bytes.	2
<div style="border: 1px solid black; padding: 2px; display: inline-block;">$1024 \times 1024 \times 1024 = 1073741824.$</div>		
Q2	<p>ROM</p> <ul style="list-style-type: none">• Stores the boot program/bootstrap loader/BIOS• Used to start the computer/Loads the operating system. <p>RAM</p> <ul style="list-style-type: none">• Stores the parts of the OS/programs <u>that are running...</u>• Stores the data <u>currently in use</u>• ... for access by the CPU <p><i>(2 for each)</i></p>	4
Q3	<p>eg</p> <ul style="list-style-type: none">• To return the results of processing	1

Q4

4

Field	Data type
Song	String
Length	Real
TimesPlayed	Integer
Protected	Boolean

(one mark per row)

Accept equivalent names of data types.
NOT number, whole number, YES/NO or
TRUE/FALSE

Q5

Length > 2 :

- 001, 002, 003, 007

Q6

Artist = "MC Nail" OR Protected = False:

- 003, 005, 006, 007

Song = "Skit" AND TimesPlayed > 0:

- 006.