The questions on this worksheet have been taken from the OCR A-Level Computer Science Practice Paper 1.1

"3-a-day" A-Level Exam Practice Unit 1 (015)

Question 1

A company releases a utility called RAMStore. The utility creates a virtual storage drive from an area of the computer's RAM.

(a) Describe what is meant by the term utility software.

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....**[2]**

Question 2

(b) Give **one** advantage of using RAM as storage in this way.

....

....**[1]**

Question3

(c) The utility periodically copies what is in the RAM drive to secondary storage, such as a hard disk. Explain why this is necessary.

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....

....

....**[2]**

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Answer 1

1	a	- A piece of software… - …with one purpose… - usually to do with the upkeep/maintenance of a computer. (1 per -, max 2)	2 AO1.1

Answer 2

b	Faster read/write speed than secondary storage media.	1 AO1.2

Answer 3

c	- RAM is volatile meaning it loses contents when power is off … - …so must be copied to secondary storage in case of unexpected power failure (1 per -,)	2 AO1.2