

Oxford Revise | OCR Computer Science | Answers

Chapter 7 Storing data

Question	Answer	Extra information	Marks	AO / Specification reference
1	Secondary storage is needed to keep a permanent copy of digital data, that would otherwise be lost when the power is switched off.	This question has 2 marks allocated to it, but only requires one reason, so a single reason is stated and then expanded to get the second mark. Only write about one reason.	1 1	AO1/AO2 1.2.2
2	Magnetic Solid state	1 mark for each correct answer. These are the other types of storage listed in the syllabus, so it's best to stick to them.	1	AO1 1.2.2





Question	Answer	Extra information	Marks	AO / Specification reference
4	Virtual memory may be needed in a computer system to increase the size of the available RAM, using secondary storage. This can happen if the RAM isn't large enough to hold all the running programs and data. Virtual memory is used to store the parts that aren't needed, which are swapped into RAM when they are needed.	1 mark for each correct statement or expansion to a maximum of 3 marks, to explain why virtual memory may be needed in a computer system.	1 1 1	AO2 1.2.1