**Memory**

**Practice Questions**

Questions below are explicitly about memory – you may also need to know about the role of memory in the fetch-decode-execute cycle and/or memory retrieval speeds from fastest to slowest i.e. registers, cache, RAM, virtual memory

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| Below are the past paper questions from OCR papers for this topic |
| [Dec 2017 Specimen Paper 1](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75620) | Questions 2c-d | VM, performance |
| [June 2017 Specimen Paper 1](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75618) | Question | RAM vs ROM |
| [June 2017](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75628) | No questions on this topic |  |
| [June 2016](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75626) | Question 6b | RAM/ROM, performance |
| [June 2015](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75625) | No questions on this topic |  |
| [June 2014](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75627) | Question 2 | RAM |
| [June 2013](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75623) | Question 2 | RAM and ROM |
| [June 2012](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75622) | No questions on this topic |  |

All the mark schemes for the above questions are on the Firefly revision page

<https://wilmslowhigh.fireflycloud.net/computing/year-11/revision>

If for any reason this is not available during your revision sessions most of the papers are available directly from the OCR website:

**Old Spec past papers**

<http://www.ocr.org.uk/qualifications/gcse-computing-j275-from-2012/>

**New Spec specimen papers**

<http://www.ocr.org.uk/qualifications/gcse-computer-science-j276-from-2016/assessment/>

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| These AQA questions are for a different exam and exam board but the content is similar for this topic |
| [AQAPaper2017](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75644) | Question 4b | Virtual memory |
| [AQAPaper2016](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75643) | No questions on this topic |  |
| [AQAPaper2015](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75641) | Questions 6d-e | Multi choice and vm |
| [AQAPaper2014](https://wilmslowhigh.fireflycloud.net/resource.aspx?id=75642) | No questions on this topic |  |

All the mark schemes for the above questions are on the Firefly revision page

**Additional Questions**

Even more practice questions are available for this topic!

<https://wilmslowhigh.fireflycloud.net/computing/ocr-topics/1-systems-architecture/13-memory>

You should also be able to answer all the questions in the white book