

## **Memory Management**

Use the theory notes on the teach-ict.com website to help you answer the questions below. Try to write the answers in your own words.



## Questions

1. What is meant by the term, 'primary memory'?
2. What is the difference between 'main memory' and 'primary memory'?
3. How much main memory would a typical home computer contain?
4. Primary memory can also be found inside the CPU. What are these areas of memory called?
called?
E. What is moont by the term (eccendery memory/2)
5. What is meant by the term, 'secondary memory'?

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	pe of memory is segmented?
11. In your o	own words explain the purpose of segmentation
	the names of the four parts of a segment into which an will be loaded. Explain what is stored in each part of the
	own words explain the purpose of 'virtual memory' and describe
13. In your o	

	ify a benefit of virtual memory
15. Identi	ify a disadvantage of virtual memory.
16. In yo	ur own words, explain the term 'paging'
4.7. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
17. What	is the purpose of a 'page table'?
18. Expla disk secto	in why it is a good idea for pages to be of the same size as hard ors.

	an example, e					
20. Identi	fy three simila	rities betwe	en paging	and segme	ntation	
21. Identi	fy two differen	ces betwee	n paging ar	nd segment	ation	
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	happens during 'disk threshing'?
24. List th	nree other problems that can occur when using memory
25. What	was the extra fact that you found out for yourself about
	was the extra fact that you found out for yourself about tion?
segmenta 26. What	
segmenta 26. What	tion?
26. What memory?	tion?

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