

DC 2009 TEST #4: Review (Chapters 6 & 7)

1. Do Monitors generate any heat? LCD vs. CRT. Which is more expensive: CRT or LCD?
2. How do computers process data? Data? Information? Which is more input? Which is more output?
3. Can printing or scanning be done wirelessly? How?
4. Which type of printer uses a toner cartridge and rotating mirror?
5. What is a multi-function peripheral? Advantages of having one? Disadvantages?
6. Examples of Categories of output? Text? Graphics? Audio? Video? HDTV?
7. How is the quality of a monitor measured? How is Refresh rate measured? How is a monitor measured (from where to where)?
8. What does the size of a monitor do to the price? What is monochrome?
9. Do monitors and video cards need to support the same standard? Monitor Resolution?
10. How is modern video memory measured?
11. How is printer quality measured? What is gray scaling? Can some printers read memory cards?
12. Which is quieter: impact or non-impact printers? Examples of impact and non-impact?
13. CRT? LCD? EMR? Plasma? What is footprint?
14. What is DPI? What is PPM?
15. Forced feedback? Voice Output?
16. Fax modem?
17. Hard copy? Soft copy? Portrait? Landscape?
18. CD-R? CD-RW? DVD? DVD+R & DVD-R.
19. Can DVDs have more than one layer? Double sided? What is Ripping? Burning?
20. How do CDs and DVDs store items? Sector? Track? Pits? Lands?
21. How is transfer rate for disks stated?
22. Volatile vs. Nonvolatile storage? Examples? Which is RAM? HD? Floppy?
23. Do all users have the same storage requirements? What is portable storage?
24. How fast (access time) do storage devices access data? How does this compare to memory?
25. What are some examples of magnetic media?
26. What are some examples of optical media? How should optical media be stored?
27. Standard size of a floppy disk? Capacity? How many sectors and tracks on each side?
28. How does the write-protect notch work?
29. Does every computer have a 3.5 floppy disk drive?
30. Difference in size between a floppy disk and a Zip disk? Capacity?
31. Standard size of a CD? Capacity? Standard size of a DVD? Capacity?
32. What is the magnifier? Where is the operating system located? How is it loaded?
33. How are programs loaded?
34. Does speed of CD-ROM drive affect the installation speed of programs?
35. Parts of a floppy disk? What is the shutter? What does the LED on a floppy disk drive indicate?
36. Parts of a hard drive? What is a platter? Disk Cache? What does more disk cache do to speed?
37. Do all operating systems format disks exactly the same?
38. How long can data on a floppy disk last? CD-ROM? DVD? Microfiche?
39. To avoid damaging a floppy disk, how might you take care of it? What about CDs and DVDs?
40. How are drives letters assigned? Floppy drive letter? First hard drive letter?
41. How fast do the platters inside a modern hard drive spin? RPM?
42. What is a hard drive "head crash?" How can you prevent the loss of data?
43. What is the advantage of external and removable hard disks?
44. What are the advantages of using microfilm or microfiche? What is required to read microfilm?
45. What is fragmentation? Defragmenting?

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1. This test will be about **50 questions** (including Multiple Choice and True/False). This test is only available at the time scheduled in the syllabus. There will also be a **50-minute** time limit.
 2. This test will be taken at d2l.rose.edu and reviewed immediately afterwards.
 3. Study hard, you will **not** be allowed to use your textbooks or any notes on this test.