Computer Systems Architecture
http://cs.nott.ac.uk/~txa/g51csa/

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Thursday quiz

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Most of the following questions are multiple choice. There is at least one correct choice but there may be several. For each of the questions list all the roman numerals corresponding to correct answers but none of the incorrect ones.

Questions are marked as follows:

no errors	5 points
1 error	3 points
2 errors	1 point
$\geq$3 errors	0 points

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1. Which of the following are *platforms*?
   a. MIPS
   b. iPod
   c. PC
   d. RISC
   e. Sun OpenBoot

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2. What can we say about Operating Systems?
   a. Contains privileged library functions with supporting code.
   b. Can run on any platform.
   c. Features a resource broker that manages access to underlying hardware.
   d. Supports the surgeon in the operating theatre.
   e. Reliant upon certain architectural/platform features.

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3. What is the kernel?

    a Core of the operating system.

    b Collection of normal library functions.

    c Provides privileged functions.

    d Usually is run in a special processor mode.

    e Always includes the graphical user interface.

4. What do we know about the *microkernel* architecture?

   a. LINUX is a typical example.
   b. Vista is a typical example.
   c. Runs faster.
   d. Easier to maintain.
   e. Requires frequent kernel recompilation.

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5. Who is Linus Torvalds?

- ⓐ Former Nottingham graduate.
- ⓑ Creator of Linux.
- ⓒ Lives in Finland.
- ⓓ Has got a penguin as a maskot.
- ⓔ A manager.

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