

## Lecture Review 2

### Operating System Organization

Attempt the following questions before you attend tutorial.

1. Briefly explain abstraction in terms of an OS managing the resources of a computer system.
2. In which mode does the kernel execute in the processor? Why is it so?
3. What are some of the factors that differentiate between the time to do a normal procedure call from an application program to one of its own procedures, compared to the time it takes to perform a system call to an OS procedure?
4. Suggest some reasons why UNIX is a monolithic kernel.
5. Explain why I/O and memory instructions are privileged instructions.