

**TUTORIAL # 3 – Processes Concepts  
Spring - 2010**

---

***Question # 1:***

What is a **process**? What is the difference between a **program** and a **process**? List the different resources associated with a process.

***Question # 2:***

A process goes into several states, list them and give a brief description of each one of them.

***Question # 3:***

What is a **process control block (PCB)**? List seven kind of information contained within each PCB.

***Question # 4:***

Describe the differences among short-term, medium-term, and long-term scheduling.

***Question # 5:***

Describe the actions taken by a kernel to context-switch between processes.