

TUTORIAL ONE

Review on Computer System Structures

1. Review the following concepts on Computer System Structures, and explain how they are related to the Operating Systems.
 - a) Computer Organization
 - b) Interrupt
 - c) I/O Structure: Interrupt-Driven Data Transfer, DMA Data Transfer

OS Structures and Concepts

2. Indicate whether the following statements are true or false. Justify your answers.
 - a) All I/O instructions are privileged instructions.
 - b) Batch system is good for executing long jobs that need little interaction.
 - c) Popular operating systems for personal computer use (such as Windows and Linux) are real-time systems.
3. Distinguish between multiprogramming and multiprocessing. What were the key motivations for the development of each?