**NCTP**

**IT FOUNDATION**

**ASSIGNMENT #1**

Q: is the role of Cache in the presence of RAM Memory?

Caching technique use to store data so that future requests for that data can be served faster.

Role of cache is to provide high-speed data access to a processor and stores frequently used computer programs, applications and data. It stores and retains data only until a computer is powered up.  
Cache memory is the fastest memory in a computer.

Q#2: Is cache a type of Primary Storage Unit or Secondary Storage Unit?

Cache memory is primary memory, where primary cache memory is directly integrated or closest to the processor.

Q#3: What is role of Operating System (OS) in Computer System?

An operating system is an interface between computer hardware and computer user. An operating system is the most important part of computer system is manages the memory and computer processes also responsible for converting human language into binary language.

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