Exam Questions

# Q1.

Fetch Decode Execute Cycle.

Von Neumann Architecture.

Little man Computer:

* Pigeon Hole
* In tray
* Program Counter
* The calculator
* Out tray

Little man computer:

* Takes in two numbers outputs the result

# Q2.

Explain what these DOS commands do:

* DIR
* Path
* Help
* Echo
* True

Explain what these Linux commands do:

* Cat
* Clear
* Pwd
* Ls
* Man

Write a DOS batch script to recursively backup a directory and all subdirectories into a backup folder created in the script. Also what to type to execute.

Write a Linux script to recursively backup a directory and all subdirectories into a backup folder created in the script. Also what to type to execute.

# Q3.

Data structure with a diagram/picture representation.

A queue, stack, heap.

Purpose of job scheduler.

5 status a process can have.

What statuses are permissible?

PCB Process control Block.

Deadlock four types.

File Manager.

Contiguous & Non Contiguous & index.