01> Who manages the port? network

→ Port Number for application is provided by Kerne of "Operating System".

02> Who manages the IP address? network

→ Switches, Router, Modem as Internet Assigned Number Authority (IANA)

03> What is a hypervisor?

→ A hypervisor is similar to an emulator; it is computer Software, firmware or hard ware that creates and runs "Virtual Machines".

   * A computer on which a hypervisor runs one or more Virtual machines is called Host machine.

04> What are the pre-requisites for installing a Hypervisor?

→ 64-bit processor with Second level Address Translation. (SLAT)

CPU support for VM monitor mode Extension

Minimum of 4GB memory (RAM)

05> What are the steps required to create a VM?

→   1. Launch VM ware workstation.
     2. Click New Virtual Machine.
     3. Select type of Virtual machine you want to create
     4. Next
     5. Select your (Guest OS)
     6. Next - product Key

Recommended Hard ware

RAM - 16 GB

Disk space - 500 GB

CPU cores - 32

process speed - 2.0 GHz

06> What are the drawbacks of Hypervisor?

→ Hypervisor lacks the Capability of running VMs on domestic computers

* It can have a high cost of implementation
* It still has limitations
* It creates a security risk
* It creates an availibility issue
* It creates a scalability issue
* storage issue
* slow down computer
* It takes time.