1. What are inode and process id?

**Ans: It is like an ID for all the files in the linux system environment. It is unique in nature.**

1. Which are the Linux Directory Commands?

**Ans: mkdir- to Create a new directory**

**rmdir- to remove a directory**

**ls- long listing i.e list all the files and display it.**

**cd- we can change the directory from one to another.**

1. What is Virtual Desktop?

**Ans: It is like running multiple processes or applications on different places or systems.**

1. Which are the different modes of vi editor?

Ans: **-Command Line Mode**

**-Insert Mode**

**-Last Line Mode**

1. What are daemons?

**Ans : Daemons are like threads or processes running parallelly at the same time**

1. What are the process states in Linux?

**Ans: Run, Stop, Sleep and Dead State.**

1. Explain grep command.

**Ans:** **It is a pattern matching command which is widely used. It also has many arguments with it.**

**Used to search a particular file, pattern, characters.**

1. Explain Process Management System Calls in Linux

**Ans:** **-Fork()**

**-Exit()**

**-Exec()**

**-Wait()**

1. Explain the ‘ls’ command

**Ans: It is called long listing command that lists everything present in a particular folder or directory.**

1. Explain the redirection operator

**Ans: Redirection operator is used to redirect input and output from one file to another or from one place to another. Denoted by “>>”.**

**Ex: fruits.txt >> file1.txt**