

1. What is Linux?

- Opensource OS based on UNIX kernel.

2. What is the difference between Linux and Unix?

- Unix is OS where as Linux is Kernel

3. What is Linux Kernel? Is it legal to edit Linux Kernel?

- core component of linux os and acts as bridge between hardware and software. Yes, its open source and can be modified.

4. What is LILO?

- LILO are bootloader used on some older version of Linux OS. Currently, GRUB bootloader are used widely.

5. What are the basic components of Linux?

- Basic components of Linux are process, kernel, utilities, shell etc

6. Which are the Shells used in Linux?

- **bash** is used.

7. What is Swap Space?

- swap are like virtual memory which uses disk space instead on RAM.

8. What is the difference between BASH and DOS?

- bash care case sensitive and uses forward “/” where as DOS are not case sensitive and uses backward “\”

9. What command would you use to check how much memory is being used by Linux?

- \$ free command can be used to view memory information in linux

10. Explain file permission in Linux.

- File permission in linux determines the level of access and action that user and group can perform on a file or directory. Generally there are 3 category of permission on linux system. i.e Read (r), Write (w), Execute (x).