1. What is Linux?

   Ans. Linux is the kernel and most used open source os. For example, an android built on the top of linux kernel.

2. What is the difference between Linux and Unix?

   Ans. Linux is derived from Unix. Linux is the kernel and Unix is the operating system.

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

   Ans. yes, Linux kernel is a free open-source os where anyone can modify it.

4. What is LILO?

   Ans. It is a boot loader that permits to select of which OS in a machine needs to be used

5. What are the basic components of Linux?

   Ans. Boot loader and kernel, Init system, Daemons, Graphical server (X server), Desktop Environment(GNOME,KDE), Applications

6. Which are the Shells used in Linux?

   Ans. Bash is used as shells in Linux.

7. What is Swap Space?

   Ans. It is the space used in the disk instead of the memory

8. What is the difference between BASH and DOS?

Ans. Bash is fast but Dos is slow, Bash uses forward slash while DOS uses backward slash.
Bash is free open source while DOS is not and is mostly developed by Microsoft.

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

Ans. free command can be used

10. Explain file permission in Linux.

Ans. r (read)
read the content(cat)
 read directory content (ls)
w(write)
Change the content (vi)
Create a file in the directory (touch)
X (execute)
Enter the directory (cd)