**Question 1**

The \_\_\_\_\_ command is used to load a module along with its dependencies.



ldmod



lsmod



modprobe



insmod

**Question 2**

The \_\_\_\_\_ is a kernel module used by the kernel to manage hardware devices.



Subsystem



Interface



Configuration file



Driver

**Question 3**

Which command is used to view the summary of the RAM and swap space?



lsmem



free



du



iostat

**Question 4**

Which of the following commands is used to view the summary of CPUs in the system?



more /proc/cpuinfo



cpustat



ls -cpu



lscpu

**Question 5**

The second stage of the boot process is:



The init phase



The Bootloader stage



The firmware (BIOS/UEFI) stage



The kernel phase

**Question 6**

In GRUB Legacy, the \_\_\_\_\_ directive indicates how long to wait before automatically booting the default operating system.



fallback=



timeout=



password=



kernel

**Question 7**

Instead of using traditional runlevels, systemd uses:



Targets



Functions



States



Variables

**Question 8**

Which command will display both the current runlevel and the previous runlevel?



level



run



rl



runlevel

**Question 9**

Which directories exist in the /etc/rc.d directory?



rc0d, rc1d, rc2d, rc3d, rc4d and rc5d



rc0.d, rc2.d, rc4.d, and rc6.d



rc0, rc1, rc2, rc3, rc4, rc5 and rc6



rc0.d, rc1.d, rc2.d, rc3.d, rc4.d, rc5.d and rc6.d

**Question 10**

In what directory are you most likely to find user's home directories?



/user/third



/usr/local



home



/var/lib

**Question 11**

After running fdisk -cu /dev/sdb, what fdisk command will allow you to change a partition type?



g



t



d



f

**Question 12**

After running fdisk -cu /dev/sdb, what fdisk command will allow you to create a new partition?



n



c



g



w

**Question 13**

To activate a swap space that has been initialized, you can execute:



swapctl



swapon



swapoff



swapcontrol

**Question 14**

A mount point is:



A partition



A device name that is used for mounting



A way to specify mount options



An empty directory that is used to access a filesystem

**Question 15**

By default, the df command displays filesystem use in:



1-K block size



1-M block size



1-G block size



1-T block size

**Question 16**

Inodes are used to store a file's:



Contents



Name



Metadata



Location

**Question 17**

The \_\_\_\_\_ command will display how much space a directory is using.



df



du



dir



init

**Question 18**

Which of the following commands will shut down the system?



init 2



init 5



init 1



init 0



init 7

**Question 19**

Missing files don't have their original file names, instead they are named with their \_\_\_\_\_ number?



inode



device



UID



GID

**Question 20**

Which of the following is true about the fsck command?



It should only be executed on mounted filesystems



It can only be used to fix ext3 filesystems



It is designed to be executed on currently used filesystems



It should only be executed on unmounted filesystems



It can only be used to fix ext2 filesystems

**Question 21**

All RPM package management commands must be run as the root user.

True or False?



True



False

**Question 22**

The rpm2cpio command can be used to:

(choose two)



Extract files from a .rpm file



List the content of a .rpm file



Build a binary .rpm file from a source .src.rpm file



Create a new .rpm file

**Question 23**

If a library is not accessible due to an error, the ldd would report which error message?



not found



library missing



lib missing



error: lib not configured

**Question 24**

Which of the following are benefits of a shared library:

(choose two)



Programs can be smaller



Programs run slower



Programs use a more consistent base of code



Programs run faster

**Question 25**

a hypervisor allows:

(choose two)



an operating system to be installed on virtual hardware



virtual resources to be accessed by operating systems and application software



system calls to be directly executed by physical hardware



application software to run without an operating system

**Question 26**

Which of the following are considered replacements for the traditional init process?

(choose two)



Starter



Upstart



Systemd



Sysinit

**Question 27**

The systemd equivalent of runlevels are called?



targets



BIOS



bootlevels



initstages

**Question 28**

What is the real location of the GRUB Legacy configuration file?



/boot/grub.conf



/boot/grub/grub.conf



/var/local/grub.conf



/etc/grub/grub.conf

**Question 29**

Which command is useful for booting a corrupted disk drive?



grub-install



grub-mkconfig



grub-set-default



update-grub

**Question 30**

Which of the following commands can be used to halt the system?

(choose two)



halt



reboot



poweroff



shutdown

**Question 31**

Which of the following commands is used to view the status of all services?



systemctl --a



systemctl --all



systemctl --l



systemctl -l

**Question 32**

Which command is used to create a logical volume?



createlv



lvadd



create



lvcreate

**Question 33**

Which command will create disk labels on an ext3 filesystem?



label



elabel



ext3label



e2label

**Question 34**

Which file provides persistent mapping of block devices to mount points?



/etc/blk.id



/etc/fstable



/etc/blk.map



/etc/fstab

**Question 35**

What is the primary configuration file for yum?



/etc/yum/main.conf



/etc/yum.d/yum.conf



/etc/yum.conf



/etc/yum/yum.conf

**Question 36**

Which command will show the dependencies of an RPM package?



rpm -qpd



rpm -qpR



yum provides



yum requires

**Question 37**

In which file are repositories stored for Debian package management?



/etc/apt/sources.list



/etc/repo.list



/etc/apt/source.repo



/etc/apt/repo.list

**Question 38**

Which command will remove all files that belong to a Debian package?



apt-get erase



apt-get uninstall



apt-get purge



apt-get remove

**Question 39**

Which command will update the list of available packages for APT?



apt-get upgrade



apt-cache update



apt-cache upgrade



apt-get update

**Question 40**

Which utility can automate changes needed for a base virtual machine image?



lscpu



KVM



cloud-init



minions