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2. Answer the questions.
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- b. Mail the answers to the following address:

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QNO	Question	Answer
1.	<p>The objective is to allow users to access the CD-RW device on your machine from any other host on the network via NFS. The users are to have read-only access to the device. Which line needs to be added to the /etc/exports file for this to be allowed?</p> <p>a. /mnt /cdrom *(ro) b. /mnt /cdrom *(r) c. /mnt /cdrom * d. /mnt /cdrom</p>	
2.	<p>Which file defines how FTP connection requests are processed by the TCP Wrapper?</p> <p>a. ftpusers b. inetd.conf c. ftpaccess d. xferlog</p>	
3.	<p>Which device would be the first SCSI hard disk on a Linux system?</p> <p>a. /dev/sd0 b. /dev/sd1 c. /dev/sda d. /dev/sdb</p>	
4.	<p>With a umask value of 112, what default permissions are assigned to newly created files?</p> <p>a. ---x--x-wx b. -rw-rw-r-- c. -r-xr-x-r-- d. -rw-rw----</p>	
5.	<p>Linux is to be installed on a machine that had several other operating systems on it previously. During the installation, it becomes apparent that LILO cannot write to the master boot record because another boot loader is already there. Which utility will be needed to reinstall the MBR and remove the existing boot loader.</p> <p>a. fsck /mbr b. fdisk /mbr c. /etc/disktab /mbr d. /sbin/lilo /mbr</p>	
6.	<p>The new administrator does not know the root password. The root password can be changed by booting into single user mode. What command must be provided at the LILO prompt in order to do this?</p> <p>a. linux single b. linux passwd c. linux 3 d. linux one</p>	

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7.	Which command can be used to locate all the three-letter files in the current directory that end with the letter y.  a. ls *y b. ls *y* c. ls ??y d. ls ??y*	
8.	An administrator has been given a machine in which there is a known problem with the ATAPI. Which device will this problem be most likely to affect?  a. Modem b. Sound card c. Video display d. CD-ROM	
9.	Which utility can be used for creating a boot disk on a Red Hat workstation.  a. makedisk b. mkbootdisk c. /sbin/lilo -b d. makeroot	
10.	Which software package in a DHCP network can be used to perform a volume installation of DHCP client software:  a. pump b. Squid c. Apache d. Swatch	
11.	Which utility is available in several Linux implementations for configuring a sound card?  a. sndadmin b. sndmin c. sndconfig d. radius	
12.	Which configuration file is used to identify where system messages are recorded?  a. logrotate.conf b. syslog.conf c. conf.modules d. modules.conf	
13.	What search criteria would efficiently locate all the lines within the MERCURY file about "clients"?  a. grep clients MERCURY b. find clients MERCURY c. sed clients MERCURY d. search clients MERCURY	

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14.	<p>Which file holds configuration information required for managing terminal devices (ie. respawning them)?</p> <p>a. /etc/initd b. /etc/inetd c. /etc/inittab d. /dev/inetd</p>	
15.	<p>Which types of modems should be avoided for use with the Linux operating system?</p> <p>a. Internal PCI/ISA b. External Serial c. Winmodems d. Cable</p>	
16.	<p>By default, which file would constitute the Apache document root?</p> <p>a. smb.conf b. httpd.conf c. apache.conf d. index.html</p>	
17.	<p>Which command can be used to rearrange the order of jobs in a spooling queue awaiting printing?</p> <p>a. lpc b. lpstat c. lpq d. lpr</p>	
18.	<p>Which field of the /etc/passwd file holds the passwords for users?</p> <p>a. first b. second c. third d. fourth</p>	
19.	<p>There is a requirement for the qwerty utility to run and compile weekly system usage results. The administrator is logged as a regular user, but the qwerty script requires root permission to run. What command will allow the script to be executed?</p> <p>a. su ; qwerty b. su qwerty c. su -c qwerty d. su : qwerty</p>	
20.	<p>Which file system can not be used with the mount utility?</p> <p>a. msdos b. coda c. autofs d. swap</p>	
21.	<p>Which command syntax will set the variable DAY equal to FRIDAY?</p> <p>a. DAY FRIDAY b. DAY=FRIDAY c. DAY:FRIDAY d. \$DAY FRIDAY</p>	

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22.	Which utility can be used to list modules, remove modules, and add modules?  a. modprobe b. insmod c. rmmod d. depmod	
23.	A process with a PID number of 1777 has entered runaway mode. The standard kill command, has not been able to terminate it. Which command will assure termination of the process.  a. kill -NOW 1777 b. kill -HUP 1777 c. kill -15 1777 d. kill -9 1777	
24.	Which runlevel will reboot the system?  a. 0 b. 2 c. 4 d. 6	
25.	There is a requirement to extract an archive from a tape. The archive was created using tar, and the contents from the tape have to be copied back to the system. What option must be use to accomplish this?  a. c b. x c. v d. r	
26.	Which command can be used for determining which TCP ports are in use on a Linux server.  a. tftp b. lsport c. minicom d. netstat	
27.	Which command can be used to save and resume editing in the vi editor?  a. :w b. :x c. :v d. :s!	
28.	Which command syntax would display hidden files in columns and identify directories and executables?  a. ls -al b. ls -Fax c. ls -tar d. ls -Rak	

QNO	Question	Answer
29.	Which command provides detailed information on users?  a. top b. finger c. who d. detail	
30.	Which command will not take the user tom to his personal home directory?  a. cd b. cd /~ c. cd ~ d. cd ~tom	
31.	Which of the following represents an absolute path?  a. ../home/file.txt b. ./bin/cat c. csce251/ d. /usr/bin/cat	
32.	Which command will set the permissions on file textfile to read and write for the owner, read for the group, and nothing for everyone else?  a. chmod 046 textfile b. chmod 640 textfile c. chmod 310 textfile d. chmod rw-r----- textfile	
33.	In vi, what is the command for deleting a single word?  a. dw b. rm c. rw d. ^w	
34.	_____ is a utility that records the route (the specific gateway computers at each hop) through the Internet between a computer and a specified destination computer. It also calculates and displays the amount of time each hop took.  a. ping b. traceroute c. telnet d. nbstat	
35.	Most configuration files are stored in which directory:  a. /var b. /bin c. /etc d. /config	
36.	Which command will list how users are added to the system by default.  a. finger user b. dispuser c. useradd -D d. defaultu	

QNO	Question	Answer
37.	Which command will create a link to a file?  a. filelink b. lk c. link d. ln	
38.	Which command will search all files for a specific file name?  a. search b. find c. look d. finger	
39.	Which command will allow a program to be scheduled at a specified time, date and, and interval:  a. cron b. schedule c. runat d. fork	
40.	The option for performing an immediate shutdown for Linux is:  a. immed b. -now c. now d. shut	