**Exam 102**

1. The \_\_\_\_\_\_\_\_ command is used to create an ext2 file system.

2. You’re repairing the master boot record on a system. You have booted the

system via a boot disk and currently have the root volume mounted to

/recover. How would you reinstall LILO?

A. lilo -r /recover/boot

B. lilo -f /recover

C. lilo -r /recover

D. lilo -r /recover -b /recover/boot

3. The \_\_\_\_\_\_\_\_\_\_ file needs to be updated when a new library is added.

4. Which command removes a package named editor-2.0.i386.rpm?

A. rpm -i editor-2.0.i386.rpm

B. rpm -e editor-2.0.i386.rpm

C. dpkg -install editor-2.0.i386.rpm

D. apt-get install editor-2.0.i386.rpm

5. To make a single change to the kernel configuration before compiling, you

would edit which file?

A. /usr/src/linux/Makefile

B. /usr/src/linux/.config

C. /usr/src/linux/config

D. /usr/src/linux/configure

6. Which command will tell you which package owns the file /etc/printcap?

A. dpkg -F /etc/printcap

B. rpm -f /etc/printcap

C. who /etc/printcap

D. rpm -qf /etc/printcap

7. The \_\_\_\_\_\_\_\_\_\_ file is executed for all nonlogin bash sessions.

8. Which command shows the route between your host and the remote host

[www.somedomain.org](http://www.somedomain.org)?

A. traceroute -n www.somedomain.org

B. route www.somedomain.org

C. ping -r www.somedomain.org

D. route -n www.somedomain.org

9. Which command is the best to use to find a contact name for another domain?

A. nslookup

B. whoinfo

C. whois

D. dig

10. Which command(s) must be run after the inetd.conf file is updated?

A. /etc/rc.d/init.d/inetd restart

B. kill -1 inetd

C. kill -1 `cat /var/run/inetd.pid`

D. No command needed.

11. The \_\_\_\_\_\_\_\_\_\_ file can be created to keep nonroot users from logging in to

the system.

12. Which command(s) is/are used to enable shadow passwords?

A. shadow

B. pw-conv

C. pwconv

D. grpconv

13. Which command(s) is/are used to decompress the file mydoc.gz?

A. gunzip mydoc.gz

B. tar -zxv mydoc.gz

C. gzip -d mydoc.gz

D. gunzip -d mydoc.gz

14. To activate all swap partitions on the system you would use the \_\_\_\_\_\_\_

command (with options).

15. Which command displays the output of the utmp file?

A. what

B. who

C. last

D. when

16. The \_\_\_\_\_\_\_ tool is used to control the Apache httpd service.

A. apached

B. httpdctl

C. htmgr

D. apachectl

17. Which command displays queue information for all local printers?

A. lpq -a

B. lpc -a

C. printq

D. lpq –v

18. Which disk partitioning tool provides a GUI?

A. fdisk

B. cfdisk

C. Disk Druid

D. gnodisk

19. The \_\_\_\_\_\_\_\_ command shows all loaded kernel modules.

20. Which command in vi searches for the text Linux?

A. ESC, s, Linux

B. ESC, f, Linux

C. \Linux

D. /Linux

21. Which command must be run when a new mail alias is added?

A. newalias

B. newaliases

C. genaliases

22. You want to make the directory /share available via NFS. All users on your

local network should be allowed to read and write files. Which of the following is

correct, assuming that your local network is 192.168.1.0 and your machine

is part of the DNS domain mydomain.org?

A. /local 192.168.1.0/255.255.255.0(rw)

B. /local 192.168.1.0/\*(rw)

C. /local \*.org(rw)

D. /local ALL.mydomain.org(rw)

23. Which script is run when X Window starts?

A. .xinit

B. .xrc

C. .startxrc

D. .xinitrc

24. Which command adds a new default route to the system?

A. ifconfig add default gw 1.2.3.4

B. route add gw 1.2.3.4

C. route add default gw 1.2.3.4

D. ifconfig add 0.0.0.0 mask 255.255.255.0 gw 1.2.3.4

25. Dave is going away on vacation for two weeks and wants his mail forwarded

to Sue while he is away. Which change should he make?

A. Add “sue” to /etc/aliases.

B. Add “sue” to ~/.forward.

C. Add “sue” to ~/.aliases.

D. Add a rule to pine to forward the mail.

26. The Samba daemon responsible for handling name resolution is which of the

Following?

A. nmbd

B. smbd

C. winsd

D. named

27. The \_\_\_\_\_\_\_ command can be used to change to another user.

28. Which command should be used to allow the host norbert to connect to the

local X server?

A. xhost +

B. cat norbert > .rhosts

C. xhost +norbert

D. rhosts +norbert

29. You have just configured a new mail server named deathstar. Which entry

should you make into DNS to make this the primary mail server?

A. IN MX 20 deathstar

B. IN MX 10 deathstar C.

IN MX 0 deathstar

D. IN MX 100 deathstar

30. Which command would you use to copy the /Documents directory and all

subdirectories from the current system to the remote system newman?

A. cp -R /Documents newman:/

B. scp -r /Documents root@newman:/

C. rcp -R /documents newman:/

D. scp -R root@newman:/ /Documents

31. Which command would update your Debian system to the latest version of all

installed packages?

A. apt-get update ; apt-get upgrade

B. apt-get upgrade ; apt-get update

C. apt-get refresh

D. apt get update ; apt get upgrade

32. You have set up a new mail server behind your firewall. You now need to open

up port \_\_\_\_\_ for access to work.

33. The \_\_\_\_\_\_\_ tool outputs a file showing the PnP configuration of the system.

34. What does the following IP chains block accomplish? (Select all that apply.)

ipchains -F input

echo 1 > /proc/sys/net/ipv4/ip\_forward

ipchains -A output -src 192.168.1.0/24 -dst ! 192.168.1.0/24

-j MASQ

ipchains -A input -dst 192.168.1.12 -j ACCEPT

A. The 192.168.1.0/24 network is being masq’d.

B. IP forwarding is disabled.

C. IP forwarding is enabled.

D. Access to 192.168.1.12 is allowed.

35. Which of the following directories should be on their own partition? (Select all

that apply.)

A. /usr

B. /boot

C. /home

D. /tmp

36. The \_\_\_\_\_\_\_\_ command provides an easy-to-use interface to Debian package

Management.

37. Which command(s) would be used to display which kernel packages are

installed on your system?

A. rpm -ql | grep kernel

B. rpm -qa | grep kernel

C. dpkg -l kernel

D. dpkg -l | grep kernel

38. To use the X11 graphical interface to make a kernel configuration, you would

use which of the following?

A. make gconfig

B. make xconfig

C. make menuconfig

D. make tclconfig

39. After editing the /etc/lilo.conf file, you must run the \_\_\_\_\_\_\_\_\_ command.

40. If you want to remotely display an X Window application to another system,

which option would you use?

A. -display

B. -connect

C. -remote

D. -xhost

41. You have a Red Hat system that currently boots in text mode. Which file do

you need to modify to have it boot in GUI mode?

A. /etc/runlevel

B. /etc/init.conf

C. /etc/inittab

D. /etc/xdm

42. The \_\_\_\_\_\_ file stores the monitor information for X Window v4 (no path).

43. Which X11 application is known to have memory leaks?

A. Netscape

B. Internet Explorer

C. Sawfish

D. WindowMaker

44. The \_\_\_\_\_\_\_ command displays all e-mail messages waiting in the mail queue.

45. Given the following files, would the host norbert be allowed to connect to

the FTP server?

hosts.deny: in.ftpd : ALL

hosts.allow: in.ftpd : norbert

A. Yes

B. No

46. Which type of modem is usually not compatible with Linux?

A. Internal

B. External

C. Integrated

D. Winmodem

47. You need to access a resource named Documents shared by the NFS server

bigserver. Which command would you use?

A. mount -t nfs //bigserver/Documents /mnt/docs

B. mount bigserver:Documents /mnt/docs

C. mount -t nfs bigserver:/Documents /mnt/docs

D. nfsmount bigserver:Documents /mnt/docs

48. After updating the /etc/exports file, the \_\_\_\_\_\_\_ command must be run for it

to take effect (with option(s)).

49. When examining the network logs for the firewall, you notice a lot of connec-

tion attempts to port 110. Which service may your remote users be trying to

Use?

A. IMAP

B. DNS

C. POP3

D. SMTP

50. After editing the /etc/modules.conf file you should run the \_\_\_\_\_\_\_\_

Command.

51. The first line of a shell script should be which of the following?

A. !#/bin/sh

B. #!bash

C. #!/usr/bin/bash

D. #!/bin/bash

52. User application defaults are stored in which file?

A. Xresources

B. .Xdefaults

C. .xinit

D. .xinitrc