**Exam LPI 101**

1. Which of the following would cause cmd2 to be run inde-pendently of cmd1?

A. cmd1 ; cmd2

B. cmd1 | cmd2

C. cmd1 >> cmd2

D. cmd1 > cmd2

2. \_\_\_\_\_\_\_\_\_\_\_\_\_ is the default signal number used with the

kill command.

3. The updatedb command is used to update the informa-

tion searched by which command?

A. grep

B. find

C. locate

D. whois

4. Which command is used to change the priority of a

command as it is run?

A. job

B. nice

C. renice

D. top

5. Which command would be used to produce the following permissions?

-rw-rw-r—myfile

A. chown myfile

B. chmod 661 myfile

C. chmod 331 myfile

D. chmod 664 myfile

6. Which file is used to specify a user’s home directory?

A. /etc/passwd

B. /etc/skel

C. /etc/profile

D. /etc/bashrc

7. \_\_\_\_\_\_\_\_\_\_\_\_\_ is used to view jobs scheduled to run at regular intervals.

8. Which command will search the file editorial for all occurrences of the

word lady and replace them with Lady?

A. sed -a s/lady/Lady editorial

B. tr l,L editorial

C. sed ‘s/lady/Lady/’ editorial

D. grep ‘lady’ editorial | tr Lady

9. Which command allows you to view system resource usage in real time?

A. nice

B. renice

C. ps -aux

D. top

10. Which file contains a list of currently mounted file systems?

A. /etc/proc/

B. /mnt

C. /etc/fstab

D. /etc/mtab

11. Which allows an environment variable declaration to be used system-wide?

A. echo

B. export

C. cat

D. env

12. Which command would move the file and directory contents of the /ME direc-

tory to the /YOU directory?

A. mv -a /ME /YOU

B. cp /ME/\* /YOU/\* ; rm -r /ME/\*

C. mv /ME/\* /YOU/\*

D. cp -r /ME/\* /YOU ; rm -r /ME

13. What command would produce a file named xmaslist using the contents of

the list file, arranging the contents alphabetically and numbering each line?

A. fmt list > xmaslist

B. sort list | nl > xmaslist

C. ln list | sort | xmaslist

D. sort list | ln | xmaslist

14. Which of the following commands would kill the process 1234 without giving it

a chance to gracefully exit?

A. kill %1234

B. kill -now 1234

C. kill -9 1234

D. kill -12 1234

15. Which of the following tools are used when creating a new partition for data

storage on a Linux system?

A. fdisk

B. format

C. mkfs

D. mount

16. The \_\_\_\_\_\_\_\_\_\_ utility provides a summary of disk space used in the pwd.

17. Which command is used to edit user quotas?

A. quota

B. quotaon

C. edquota

D. vi

18. The umask of 002 would produce what default file permissions?

A. -rwxrwxrw-

B. -rw-rw-r--

C. ---------x

D. -rwxrwxr-x

19. What access rights are required for the /etc/shadow file?

A. -r--------

B. -rw-rw-r--

C. -r--r-----

D. -rwxr--r--

20. Which command will immediately shut down a computer running Linux?

A. shutdown

B. telinit 6

C. shutdown now

D. telinit 0

21. A new user (Debbie) needs access to the companies Linux system, what must be

done so that she can access the system with the userid debbie? (Select all that

apply.)

A. useradd debbie

B. group debbie

C. shadow debbie

D. passwd debbie

22. Which command would give the owner and group of myfile the permissions

of read and execute while all others have read access?

A. chmod 003 myfile

B. chmod 554 myfile

C. chmod 331 myfile

D. chmod 662 myfile

23. Which command would be used to view a description of the tar utility includ-

ing the options available for use?

A. more tar

B. grep tar

C. man tar

D. help tar

24. \_\_\_\_\_\_\_\_\_\_\_\_\_ is the location of files that are copied to each user’s home

Directory.

25. The PS1 environment variable is used to define which of the following?

A. command path

B. home directory

C. shell prompt

D. signature file

26. Which of the following would change the user’s pwd to their home directory

regardless of their current pwd? (Select all that apply.)

A. cd

B. cd ..

C. cd~

D. cd $HOME

27. Which of the following directories is used to store system utilities used by the

Superuser?

A. /etc

B. /root

C. /sbin

D. /usr/local

28. Where are the user shells assigned?

A. /etc/skel

B. /etc/passwd

C. /etc/profile

D. LILO

29. You have recently installed a new disk drive in your Linux system. You wish to

store a directory containing many data files used within your company on the

new disk drive. Which of the following can be used so the change is invisible to

users of the system?

A. cp

B. mv

C. hard links

D. soft links

30. Which command and options are used to delete a user’s account and home

Directory?

A. userdel -r

B. usermod -f

C. passwd -e

D. usermod –e

31. The \_\_\_\_\_\_\_\_\_\_\_\_ utility is used to display files in hexadecimal format.

32. What command can be used to locate specific text within a file?

A. grep

B. locate

C. find

D. where

33. Which of the following can be used to suspend a process running in the

Foreground?

A. &

B. fg

C. bg

D. Ctrl+Z

34. Where might you find instructions on installing and configuring a Winmodem

on a Linux system?

A. man pages

B. HOWTOs

C. /usr/doc

D. dmesg

35. Which of the following would be used to run a script called mozilla\_update

as a background process?

A. bg mozilla\_update

B. mozilla\_update&

C. `mozilla\_process`

D. mozilla\_process –bg

36. Which environment variable would be used to specify the location of files that

you wish to run without specifying an absolute path?

A. HOME

B. PS1

C. PATH

D. TERM

37. The \_\_\_\_\_\_\_\_\_\_\_\_\_ command is used to change ownership of a file.

38. When booting your system you notice that your sound module failed to load;

however, the error message scrolled by too quickly. What command can you

use to view the errors?

A. dmesg

B. messages

C. errors

D. lilo

39. What command is used to create a new archived file using compression?

A. gzip -t

B. tar -cfz

C. compress -tf

D. bzip2 –tbz

40. Which command is used to view processes running in the background?

A. dmesg

B. ls

C. bg

D. jobs

41. Which utility is used to view the beginning of a file?

A. tac

B. cat

C. head

D. top

42. Which type of quota limit prevents a user from creating new files?

A. stop limit

B. soft limit

C. hard limit

43. Which runlevel is used for administrative tasks performed locally, disallowing

network connections to the system?

A. 0

B. 1

C. 3

D. 6

44. User quotas are maintained in which file?

A. /etc/fstab

B. /etc/passwd

C. /quota.user

D. /lilo

45. You are told by a co-worker that information pertaining to the syslog com-

mand can be found in man page 3. How would you view this information?

A. man syslog 3

B. man syslog -3

C. man -3 syslog

D. man 3 syslog

46. Which command is not used to view the contents of a file?

A. cat

B. more

C. less

D. expand

47. The \_\_\_\_\_\_\_\_ command is used to unmount a file system.

48. The \_\_\_\_\_\_\_\_ command will display previously entered commands.

49. What type of information might you find using [www.deja.com](http://www.deja.com)?

A. man pages

B. Usenet postings

C. software patches

D. kernel updates

50. Which directory utilizes no disk space?

A. /proc

B. /boot

C. /root

D. /local

51. The \_\_\_\_\_\_\_\_\_\_ command is used to perform a consistency check on file

Systems.

52. Which command would create a file called mydirlisting that includes a

detailed listing of all the files and directories located within your home

Directory?

A. ls -alR $HOME > mydirlisting

B. ls -d > mydirlisting

C. mydirlisting < ls -al $HOME

D. ls -al | mydirlisting