



**Vendor: CompTIA**

**Exam Code: LX0-101**

**Exam Name: CompTIA Linux+ [Powered by LPI] Exam 1**

### QUESTION 1

An administrator is planning a partition scheme for a new Linux installation. Which of the following directories should the administrator consider for separate partitions? (Select THREE).

- A. /etc
- B. /home
- C. /var
- D. /lib
- E. /tmp

**Correct Answer:** BCE

### QUESTION 2

Which of the following is the difference between the --remove and the --purge action with the dpkg command?

- A. --remove removes the program, --purge also removes the config files.
- B. --remove only removes the program, --purge only removes the config files.
- C. --remove removes a package, --purge also removes all packages dependent on it.
- D. --remove removes only the package file itself, --purge removes all files related to the package.

**Correct Answer:** A

### QUESTION 3

Which of the following is the process ID number of the init program?

- A. -1
- B. 0
- C. 1
- D. It is different with each reboot.
- E. It is set to the current run level.

**Correct Answer:** C

### QUESTION 4

Pressing the Ctrl-C combination on the keyboard while a command is executing in the foreground sends which of following signal codes?

- A. 1 (SIGHUP)
- B. 2 (SIGINT)
- C. 3 (SIGQUIT)
- D. 9 (SIGKILL)
- E. 15 (SIGTERM)

**Correct Answer:** B

### QUESTION 5

To what environment variable will an administrator assign or append a value if the administrator needs to tell the dynamic linker to look in a build directory for some of a program's shared

libraries?

- A. LD\_LOAD\_PATH
- B. LD\_LIB\_PATH
- C. LD\_LIBRARY\_PATH
- D. LD\_SHARE\_PATH
- E. LD\_RUN\_PATH

**Correct Answer:** C

#### QUESTION 6

An administrator has just added a CD-ROM drive (/dev/hdd) to a system and added it to the administrator's fstab. Typically the administrator can use which of the following commands to mount media in that drive to /mnt/cdrom?

- A. mount /dev/cdrom /mnt/cdrom
- B. mount /dev/cdrom
- C. mount -t cdrom /dev/cdrom /mnt/cdrom
- D. mount /mnt/cdrom
- E. automount /mnt/hdd /mnt/cdrom}

**Correct Answer:** D

#### QUESTION 7

An administrator wishes to kill a process with a PID of 123. Which of the following commands will allow the process to "clean up" before exiting?

- A. kill -1 123
- B. kill -9 123
- C. kill -15 123
- D. kill -17 123

**Correct Answer:** C

#### QUESTION 8

CORRECT TEXT

What command with all options and/or parameters will send the signal USR1 to any executing process of program apache2?

**Correct Answer:**

killall -s SIGUSR1 apache2, killall -s USR1 apache2,killall -SIGUSR1 apache2,killall -USR1 apache2

#### QUESTION 9

All of the following commands will update the Modify timestamp on the file /tmp/myfile.txt EXCEPT:

- A. file /tmp/myfile.txt

- B. echo "Hello" >/tmp/myfile.txt
- C. sed -ie "s/1/2/" /tmp/myfile.txt
- D. echo -n "Hello" >/tmp/myfile.txt
- E. touch /tmp/myfile.txt

**Correct Answer:** A

#### QUESTION 10

In the vi editor, which of the following commands will delete the current line at the cursor and the 16 lines following it (17 lines total)?

- A. 17d
- B. 17dd
- C. 17x
- D. d17d
- E. 16d

**Correct Answer:** B

#### QUESTION 11

CORRECT TEXT

The system configuration file named \_\_\_\_\_ is commonly used to set the default runlevel. (Please provide the fill name with full path information).

**Correct Answer:** /etc/inittab

#### QUESTION 12

In compliance with the FHS, in which of the following places are man pages typically found?

- A. /usr/share/man
- B. /opt/man
- C. /usr/doc/
- D. /var/pkg/man
- E. /usr/local/man

**Correct Answer:** A

#### QUESTION 13

The lspci command can display information about devices EXCEPT:

- A. card bus speed (e.g. 66Mhz).
- B. card IRQ settings.
- C. card vendor identification.
- D. card AGP rate (e.g. 1x, 2x, 4x).
- E. card Ethernet MAC address.

**Correct Answer:** E

#### QUESTION 14

Which of the following command lines would an administrator use to restrict the GNU find command to searching a particular number of subdirectories?