

LPI 2-1 Practice Exam – 40 questions

★ Frage 1:

Which keyboard shortcut allows copying highlighted text while working in the command line terminal?

☐ CTRL + C

☒ CTRL + SHIFT + C

☐ CTRL + ALT + C

☐ CTRL + TAB + C

★ Frage 2:

Which of the following programs on a Linux system could you use instead of Windows Media Player?

☒ VLC

☐ QuickTime

☐ iTunes

☐ Winamp

★ Frage 3:

What is defined by a Free Software license?

☐ The programming languages which may be used to extend the licensed program

☐ A complete list of libraries required to compile the licensed software

☐ Limits on the purposes for which the licensed software may be used

☒ The conditions for modifying and distributing the licensed software

★ Frage 4:

What is the main difference between Linux and Windows/MAC OS?

☐ There is no real difference

☒ Linux is open source software while the other two are closed source operating systems

☐ Linux is affordable while Windows/MAC OS is expensive

☐ You have to install Linux while Windows/MAC OS is pre-installed

★ Frage 5:

What is the practice of offering people the right to freely distribute copies and modified versions of a work with the stipulation that the same rights be preserved in derivative works created later called?

☒ Copyleft

☐ Copyright

☐ Openwrite

☐ OpenCopy

★ Frage 6:

Which of the following is NOT a heightened value proposition of Open Source Software compared to Proprietary Software?

☐ Security

☒ Popularity

☐ Interoperability

☐ Localization

★ Frage 7:

When using a web browser, what should a user do to prevent private data from being stored locally?

☐ There is no way to achieve that because Linux always logs network data

☒ Browsers can be configured to use a private mode that does not store any data locally

☐ Delete the profile directory in the home directory and create a new one after the work is done

☐ Use the secure versions of the web browser

★ Frage 8:

What command would a user enter to delete a directory containing no other files or directories within it?

☐ mkdir

☒ rmdir

☐ cpdir

☐ mvdir

★ Frage 9:

Which of the following commands can search for executable programs or scripts located in the PATH variable?

☐ what

☐ why

☒ which

☐ how

★ Frage 10:

What must the user do to run a program that is not within a directory located in the PATH variable?

☐ create a script

☐ create a new path

☐ re-install the program

☒ include the file path to the program

★ Frage 11:

Which of the following commands will output all of the lines with the name Fred in upper or lower case but not the word red from the file data_file?

☒ `grep '[Ff]red' data_file`

☐ `grep -v fred data_file`

☐ `grep '[f]red' data_file`

☐ `egrep fred data_file`

★ Frage 12:

Which command can be used to search help files that mention the word "copy"?

☐ `whatis copy`

☒ `man -k copy`

☐ `man copy`

☐ `copy help`

★ Frage 13:

Your current present working directory is /home/jason/documents/. You just entered `cd .` into the command line and then enter `pwd`. What output do you receive?

☒ `/home/jason/documents/`

☐ `/home/jason`

☐ `/home`

☐ `/home/jason/documents/..`

★ Frage 14:

You have just created a text file with a secret password in it called `password.txt`. You want to ensure that the password is not seen when the `ls` command is run within the current directory. What command should you use to ensure the text file is hidden from the filesystem?

- ☐ `rn password.txt .password.txt`
- ☐ `mv password.txt password.hidden`
- ☒ `mv password.txt .password.txt`
- ☐ `rn password.txt password.hidden`

★ Frage 15:

Which of the following commands will create a single directory named `dir1 dir2`?

- ☒ `mkdir dir1dir2`
- ☐ `mkdir "dir1 dir2"`
- ☐ `make dir1/dir2`
- ☐ `create directory2`

★ Frage 16:

Which command line can be used to search help files that mention the word 'copy'?

- ☐ `help copy`
- ☐ `man copy`
- ☒ `man -k copy`
- ☐ `info copy`

★ Frage 17:

What column tells the "w" program which session is running?

☐ STATUS

☐ PROGRAM

☒ WHAT

☐ WHICH

★ Frage 18:

Which UID is usually used to represent the first regular user on a Linux system?

☐ 1

☐ 10

☐ 100

☒ 1000

★ Frage 19:

Which command would be used to change the owner of foo1.txt from jasondion to administrator?

☐ chmod

☐ ls -la

☐ ls -d

☒ chown

★ Frage 20:

Which file on a Linux system contains the passwords for each user on the system?

☐ /etc/password

☐ /etc/shadow

☒ /etc/passwd

☐ /etc/users

★ Frage 21:

Which of the following is NOT contained in the /etc/passwd file?

☐ User Identification Number (UID)

☒ Home directory for the user

☐ The password of the user's account

☐ Default login shell

★ Frage 22:

Which command is used to change the password of a user's account?

☐ useradd

☐ pwd

☒ passwd

☐ chuser

★ Frage 23:

Which option can be used with `useradd` to specify the home directory for a user?

☒ -d

☐ -c

☐ -b

☐ -h

★ Frage 24:

Where should temporary files be stored on a Linux system that can be safely deleted during a reboot?

☐ `/var/tmp`

☐ `/etc/tmp`

☒ `/tmp`

☐ `/bin/tmp`

★ Frage 25:

Which of the following provides the correct syntax to search for lines beginning with the given pattern using the `grep` command?

☒ `^pattern`

☐ `pattern^`

☐ `$pattern`

☐ `pattern$`

★ Frage 26:

Which option can be used with tail to print the last X bytes of a file to the screen?

☐ -n

☐ -b

☒ -c

☐ -x

★ Frage 27:

Which of the following is the file descriptor number used to represent the Standard In (STDIN)?

☒ 0

☐ 1

☐ 2

☐ 3

★ Frage 28:

Which of the following is the file descriptor number used to represent the Standard Out (STDOUT)?

☐ 0

☒ 1

☐ 2

☐ 3

★ Frage 29:

Which of the following options is used with tar to create a new .tar archive file?



-c



-v



-f



-n

★ Frage 30:

Which command-line tool will create a filename that ends in .gz?



zip



bzip2



xz



gzip

★ Frage 31:

Which command is used to print the full contents of a file to the screen at once?



cat



tail



head



less

★ Frage 32:

Which redirection operator accepts text on the following lines as standard input?

☐ <>

☒ >>

☐ <<

☐ ><

★ Frage 33:

Which of the following commands would be used to display the value of the HOME variable to the terminal's display?

☐ echo HOME

☒ echo \$HOME

☐ echo &HOME

☐ echo "HOME"

★ Frage 34:

A Linux computer currently has no access to the internet. Which command is used to display and manipulate the information about the network gateway for the system?

☐ gateway

☐ route

☒ ifconfig

☐ netstat

★ Frage 35:

Which of the following is used as a virtual or pseudo filesystem used to interface with the kernel and process?

☐ /boot

☐ /proc

☒ /sys

☐ /dev

★ Frage 36:

Which version of Linux should be installed on a system with a 32-bit processor?

☒ x32

☐ x64

☐ x86

☐ x99

★ Frage 37:

Which of the following directories contain all of the installed kernels on your system and their needed drivers?

☒ /boot

☐ /proc

☐ /sys

☐ /dev

★ Frage 38:

Which version of Linux should be installed on a system with a 64-bit processor?

☐ x32

☒ x64

☐ x86

☐ x99

★ Frage 39:

Which of the following information can be displayed by top?

☒ Running processes, ordered by CPU or RAM consumption

☐ User accounts, ordered by the number of logins

☐ User groups, ordered by the number of members

☐ CPU cores, user groups, free storage

★ Frage 40:

Which of the following would properly identify the device associated with the second partition on the first hard disk on the first IDE controller of a system?

☒ /dev/hda2

☐ /dev/hd1b2

☐ /dev/hdc1d2p2

☐ dev/hdc1a2