

LPI 2-1 Practice Exam – 40 questions

★ Frage 1:

What does the "rm -rf" command do in Linux?

☒ Remove all the files in the directory and subdirectories

☐ Remove all the files in the current directory

☐ Rename all the files in the directory and subdirectories

☐ Rename all the files in the current directory

★ Frage 2:

What symbol can be used to represent none, one, or multiple characters within a search criteria?

☒ *

☐ ?

☐ x

☐ .

★ Frage 3:

Which of the following commands will create an archive file, named backup.tar, containing all the files from the directory /home?

☒ tar -cf backup.tar /home

☐ tar -cf /home backup.tar

☐ tar -xf /home backup.tar

☐ tar -xf backup.tar /home

★ Frage 4:

Which of the following is used to untar a tar archive file?

☐ untar

☒ tar -x

☐ unzip -t

☐ tar -u

★ Frage 5:

Which of the following are two types of output messages?

☐ Manual and Automatic messages

☐ Standard Output and Input messages

☒ Standard Output and Standard Error messages

☐ Error Input and Automatic Output

★ Frage 6:

What option can be used with cat to display line numbers with the text of a file to the screen?

☐ #

☐ -x

☒ -n

☐ -1

★ Frage 7:

Which of the following is used to redirect the standard output of a command to a file?

☒ 1>

☐ 2>

☐ &1

☐ &2

★ Frage 8:

What is the output of the following command? for token in a b c; do echo -n \${token}; done

☐ anbncn

☒ abc

☐ \$token\$token\$token

☐ {a}{b}{c}

★ Frage 9:

Which command is used to make a shell variable known to subsequently executed programs?

☐ announce

☐ env

☒ export

☐ transfer

★ Frage 10:

To determine if the last command run on a system was successfully, which command should be executed?

☒ echo \$?

☐ echo \$#

☐ exit \$

☐ echo \$0

★ Frage 11:

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

☐ 0

☒ 1

☐ 2

☐ 3

★ Frage 12:

Which of the following is a requirement of the GPL license but not the BSD license?

☐ The GPL license forbids the removal of copyright and license notices from source code files that are distributed

☐ The GPL license contains a disclaimer of warranty requiring users not to hold the software authors liable for any damages

☐ The GPL license requires that any legal disputes be settled with the mediation of the Free Software Foundation

☒ Users who modify and distribute the software under the GPL license must make the modifications they made available to the recipients under the same license

★ Frage 13:

Where is the BIOS located?

☐ RAM

☒ Motherboard

☐ Hard drive

☐ Monitor

★ Frage 14:

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

☐ x32

☒ x64

☐ x86

☐ x99

★ Frage 15:

Which of the following directories is often used to store log files?

☒ /var

☐ /temp

☐ /dev/hdc1d2p3

☐ /usr

★ Frage 16:

Which type of files are an important part of diagnosing problems with daemons?

☒ Log files

☐ System files

☐ Configuration files

☐ User files

★ Frage 17:

Which of the following is the filesystem for a CD-ROM?

☒ ext2

☐ fast-32

☐ procfs

☐ isofs

★ Frage 18:

What is NOT one of the ways that DHCP can be used to deliver IP addresses?

☐ Manual

☐ Automatic

☐ Dynamic

☒ Permanent

★ Frage 19:

In computer networks, what does DHCP stand for?

☒ Dynamic Host Configuration Protocol

☐ Data Host Connection Protocol

☐ Direct Host Connection Protocol

☐ Direct Host Control Protocol

★ Frage 20:

Which command shows who is logged on and what they are doing in the system?

☐ who

☒ w

☐ whoami

☐ id

★ Frage 21:

Which file contains a list of the user's secondary groups?

☐ /etc/passwd

☐ /etc/shadow

☐ /etc/user

☒ /etc/group

★ Frage 22:

Which of the following tasks is not performed automatically for a user account when it is created using the useradd command?

☐ Assign a UID

☒ Create the user's home directory

☐ Assign a default shell

☐ Define the user's home directory

★ Frage 23:

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

☐ useradd

☐ pwd

☒ passwd

☐ chuser

★ Frage 24:

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

☐ chmod

☐ ls -la

☐ ls -d

☒ chown

★ Frage 25:

What permissions would be represented by the octal 517?

☐ rwx--xr-x

☒ r-x--xrwx

☐ --xr-xrwx

☐ r-xrwx--x

★ Frage 26:

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 27:

Which of the following is MOST likely running Raspbian Linux?

☐ AWS cloud

☐ Smartphone

☒ Raspberry Pi

☐ Vehicle entertainment system

★ Frage 28:

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 29:

Which of the following is a suite of client–server software for creating and using file hosting services?

☐ ownHost

☐ FileOwn

☐ DropCloud

☒ ownCloud

★ Frage 30:

Which of the following is NOT one of the core technologies of the World Wide Web?

☐ Browser

☐ HTML

☒ CSS

☐ JavaScript

★ Frage 31:

Which of the following is TRUE about open source software?



Open source software is always free



Open source software is a prominent example of open collaboration



Open source software is more secure than closed source software



Open source software does not have any support

★ Frage 32:

Which command launches the web browser Firefox from the command line?



firefox



run -a firefox



web firefox



netbrowser

★ Frage 33:

Which of the following answers is true for cloud computing?



Cloud Computing provides new tools to manage IT resources



Cloud Computing means downsizing the IT department from a business perspective



Cloud Computing is the opposite of green IT since green IT focuses on using regenerative energy for computing technologies



Cloud Computing implies sharing all information with everyone else in 'the cloud'

★ Frage 34:

To see all the variables that are in the user's environment, use the _____ command.

☐ printer

☐ ping

☒ printenv

☐ processvar

★ Frage 35:

Which of the following commands will output a list of all of the file names, under your home directory and all subdirectories, which have file names ending with .pdf?

☐ search .pdf

☐ ls -name -R '*.pdf'

☐ find /home/*.pdf

☒ find ~ -name '*.pdf'

★ Frage 36:

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

☐ mkdir dir1dir2

☒ mkdir "dir1 dir2"

☐ make dir1/dir2

☐ create directory2

★ Frage 37:

What is a set of pages that explain every command available on the system?

☒ Man pages

☐ Help pages

☐ Master pages

☐ Informational pages

★ Frage 38:

Which command searches manual page names and descriptions for a user-supplied keyword?

☐ pros

☐ props

☐ apos

☒ apropos

★ Frage 39:

How can the current directory and its subdirectories be searched for the file named MyFile.xml?

☐ find . -name MyFile.xml

☐ grep MyFile.xml | find

☒ grep -r MyFile.xml

☐ find -P MyFile.xml | grep

★ Frage 40:

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/..`