



# **LPI**

## **Exam Questions 101-500**

LPIC-1 Exam 101 - Part 1 of 2 - version 5.0

#### NEW QUESTION 1

- (Exam Topic 1)

During a system boot cycle, what program is executed after the BIOS completes its tasks?

- A. The bootloader
- B. The inetd program
- C. The init program
- D. The kernel

**Answer:** A

#### NEW QUESTION 2

- (Exam Topic 1)

You are having some trouble with a disk partition and you need to do maintenance on this partition but your users home directories are on it and several are logged in. Which command would disconnect the users and allow you to safely execute maintenance tasks?

- A. telinit 1
- B. shutdown -r now
- C. killall -9 inetd
- D. /bin/netstop --maint
- E. /etc/rc.d/init.d/network stop

**Answer:** A

#### NEW QUESTION 3

- (Exam Topic 1)

Which of the following kernel parameters instructs the kernel to suppress most boot messages?

- A. silent
- B. verbose=0
- C. nomsg
- D. quiet

**Answer:** D

#### NEW QUESTION 4

- (Exam Topic 1)

The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. What is the usual way to pass this change to the kernel from your boot loader?

- A. Start in runlevel 1.
- B. Pass init=/bin/sh on the kernel parameter line.
- C. Pass /bin/sh on the kernel parameter line.
- D. Pass start=/bin/sh on the kernel parameter line.

**Answer:** B

#### NEW QUESTION 5

- (Exam Topic 1)

The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process. What does this indicate?

- A. The kernel was unable to execute /bin/init
- B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
- C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run
- D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

**Answer:** B

#### NEW QUESTION 6

- (Exam Topic 2)

In which directory must definition files be placed to add additional repositories to yum?

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

/etc/yum.repos.d, /etc/yum.repos.d/, yum.repos.d, yum.repos.d/

#### NEW QUESTION 7

- (Exam Topic 2)

Which of the following commands lists the dependencies of a given dpkg package?

- A. apt-cache depends-onpackage
- B. apt-cache dependencies package
- C. apt-cache depends package
- D. apt-cache requires package

**Answer:** C

#### NEW QUESTION 8

- (Exam Topic 2)

Which of the following is correct when talking about mount points?

- A. Every existing directory can be used as a mount point.
- B. Only empty directories can be used as a mount point.
- C. Directories need to have the SetUID flag set to be used as a mount point.
- D. Files within a directory are deleted when the directory is used as a mount point.

**Answer:** A

#### NEW QUESTION 9

- (Exam Topic 2)

Which file should be edited to select the network locations from which Debian installation package files are loaded?

- A. /etc/dpkg/dpkg.cfg
- B. /etc/apt/apt.conf
- C. /etc/apt/apt.conf.d
- D. /etc/apt/sources.list
- E. /etc/dpkg/dselect.cfg

**Answer:** D

#### NEW QUESTION 10

- (Exam Topic 2)

An administrator has issued the following command: `grub-install --root-directory=/custom-grub /dev/sda`

In which directory will new configuration files be found? (Provide the full directory path only without the filename)

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

/custom-grub/boot/grub/, /custom-grub/boot/grub

#### NEW QUESTION 10

- (Exam Topic 2)

When removing a package, which of the following dpkg options will completely remove the files including configuration files?

- A. --clean
- B. --delete
- C. --purge
- D. --remove

**Answer:** C

#### NEW QUESTION 11

- (Exam Topic 2)

Which world-writable directory should be placed on a separate partition in order to prevent users from being able to fill up the / filesystem? (Specify the full path to the directory.)

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

/tmp, tmp,/var/tmp, /tmp/, /var/tmp/

#### NEW QUESTION 12

- (Exam Topic 2)

What can the Logical Volume Manager (LVM) be used for? (Choose THREE correct answers.)

- A. To create RAID 9 arrays.
- B. To dynamically change the size of logical volumes.
- C. To encrypt logical volumes.
- D. To create snapshots.
- E. To dynamically create or delete logical volumes.

**Answer:** BDE

#### NEW QUESTION 15

- (Exam Topic 3)

When given the following command line. echo "foo bar" | tee bar | cat

Which of the following output is created?

- A. cat
- B. foo bar
- C. tee bar
- D. bar
- E. foo

**Answer:** B

#### NEW QUESTION 16

- (Exam Topic 3)

Which of the following commands will print the last 10 lines of a text file to the standard output?

- A. cat -n 10 filename
- B. dump -n 10 filename
- C. head -n 10 filename
- D. tail -n 10 filename

**Answer:** D

#### NEW QUESTION 17

- (Exam Topic 3)

The /etc/\_\_\_\_\_ file lists currently mounted devices.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

mtab

#### NEW QUESTION 22

- (Exam Topic 3)

In Bash, inserting 1>&2 after a command redirects

- A. standard error to standard input.
- B. standard input to standard error.
- C. standard output to standard error.
- D. standard error to standard output.
- E. standard output to standard input.

**Answer:** C

#### NEW QUESTION 27

- (Exam Topic 3)

In compliance with the FHS, in which of the directories are man pages found?

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

**Answer:** A

#### NEW QUESTION 32

- (Exam Topic 3)

Which of the following characters can be combined with a separator string in order to read from the current input source until the separator string, which is on a separate line and without any trailing spaces, is reached?

- A. <<
- B. <|
- C. !<
- D. &<

**Answer:** A

#### NEW QUESTION 35

- (Exam Topic 3)

Which of the following commands is used to change options and positional parameters for a running Bash?

- A. history
- B. set
- C. bashconf
- D. setsh
- E. envsetup

**Answer:** B

#### NEW QUESTION 36

- (Exam Topic 3)

From a Bash shell, which of the following commands directly executes the instruction from the file /usr/local/bin/runme.sh without starting a subshell? (Please select TWO answers.)

- A. source /usr/local/bin/runme.sh
- B. . /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

**Answer:** AB

#### NEW QUESTION 37

- (Exam Topic 3)

Which of the following explanations are valid reasons to run a command in the background of your shell?

- A. The command does not need to execute immediately.
- B. The command has to run immediately but the user needs to log out.
- C. The system is being shut down and the command needs to restart execution immediately after the reboot.
- D. The command can run at a lower priority than normal commands run on the command line.

**Answer:** B

#### NEW QUESTION 39

- (Exam Topic 3)

What is the default action of the split command on an input file?

- A. It will break the file into new files of 1,024 byte pieces each.
- B. It will break the file into new files of 1,000 line pieces each.
- C. It will break the file into new files of 1,024 kilobyte pieces each.
- D. It will break the file into new files that are no morethan 5% of the size of the original file.

**Answer:** B

#### NEW QUESTION 44

- (Exam Topic 3)

Which of the following command sets the Bash variable named TEST with the content FOO?

- A. set TEST="FOO"
- B. TEST = "FOO"
- C. var TEST="FOO"
- D. TEST="FOO"

**Answer:** D

#### NEW QUESTION 48

- (Exam Topic 4)

What does the command mount -a do?

- A. It mounts all available filesystems onto the current directory.
- B. It shows all mounted filesystems.
- C. It mounts all user mountable filesystems for thecurrent user.
- D. It mounts all filesystems listed in /etc/fstab which have the option auto set.
- E. It mounts all filesystems listed in /etc/fstab which have the option noauto set.

**Answer:** D

#### NEW QUESTION 51

- (Exam Topic 4)

In order to display all currently mounted filesystems, which of the following commands could be used? (Choose TWO correct answers.)

- A. cat /proc/self/mounts
- B. free
- C. mount
- D. ls mounts

E. cat /proc/filesystems

**Answer:** AC

#### NEW QUESTION 53

- (Exam Topic 4)

After moving data to a new filesystem, how can the former path of the data be kept intact in order to avoid reconfiguration of existing applications? (Choose TWO correct answers.)

- A. By creating an ACL redirection from the old to the new path of the data.
- B. By creating a hard link from the old to the new path of the data.
- C. By creating a symbolic link from the old to the new path of the data.
- D. By running the command touch on the old path.
- E. By mounting the new filesystem on the original path of the data.

**Answer:** CE

#### NEW QUESTION 58

- (Exam Topic 4)

Which of the following commands will load a kernel module along with any required dependency modules?

- A. depmod
- B. insmod
- C. modprobe
- D. module\_install
- E. loadmod

**Answer:** C

#### NEW QUESTION 60

- (Exam Topic 4)

Which of the following statements is correct for a command line ending with a & character?

- A. The command's output is redirected to /dev/null.
- B. The result of the command defines if the next command will be run.
- C. The command is run in background of the current shell.
- D. The command is run as a direct child of the init process.

**Answer:** C

#### NEW QUESTION 61

- (Exam Topic 4)

Which of the following commands set the sticky bit for the directory /tmp? (Choose TWO correct answers.)

- A. chmod +s /tmp
- B. chmod +t /tmp
- C. chmod 1775 /tmp
- D. chmod 4775 /tmp
- E. chmod 2775 /tmp

**Answer:** BC

#### NEW QUESTION 66

- (Exam Topic 4)

Which of the following commands changes all occurrences of the word "bob" in file data to "Bob" and prints the result to standard output?

- A. sed 's/bob/Bob' data
- B. sed 's/bob/Bob/g' data
- C. sed 's/bob/Bob/' data
- D. sed 's/bob/Bob/' data
- E. sed 's/bob,Bob/' data

**Answer:** B

#### NEW QUESTION 67

- (Exam Topic 4)

Which of the following commands converts spaces in a file to tab characters and prints the result to standard output?

- A. iconv
- B. expand
- C. unexpand
- D. tab

**Answer:** C

#### NEW QUESTION 69

- (Exam Topic 4)

How can the list of files that would be installed by the RPM package file apache.xml.rpm be previewed?

- A. rpm -qp apache.xml.rpm
- B. rpm -qv apache.xml.rpm
- C. rpm -ql apache.xml.rpm
- D. rpm -qpl apache.xml.rpm

**Answer:** D

#### NEW QUESTION 73

- (Exam Topic 4)

What is the process ID number of the init process on a SysV init based system?

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

**Answer:** C

#### NEW QUESTION 74

- (Exam Topic 4)

Which of the following describes the correct order in which the components of the system boot process are started?

- A. BIOS, kernel, bootloader, init system
- B. BIOS, bootloader, kernel, init system
- C. Bootloader, BIOS, kernel, init system
- D. BIOS, bootloader, init system, kernel
- E. Bootloader, BIOS, init system, kernel

**Answer:** B

#### NEW QUESTION 76

- (Exam Topic 4)

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

/etc/inittab

#### NEW QUESTION 79

- (Exam Topic 4)

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

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

**Answer:** B

#### NEW QUESTION 82

- (Exam Topic 4)

Which of the following commands shows the definition of a given shell command?

- A. where
- B. stat
- C. type
- D. case

**Answer:** C

#### NEW QUESTION 83

- (Exam Topic 4)

In the vi editor, what vi command will copy (but not paste) from the current line at the cursor and the following 16 lines (17 lines total)? Specify the correct vi command without spaces.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
17yy

#### NEW QUESTION 85

- (Exam Topic 4)

Which command shows all shared libraries required by a binary executable or another shared library? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
ldd

#### NEW QUESTION 88

- (Exam Topic 4)

Which command will uninstall a package but leave its configuration files in case the package is re-installed?

- A. dpkg -s pkgname
- B. dpkg -L pkgname
- C. dpkg -P pkgname
- D. dpkg -r pkgname

**Answer:** D

#### NEW QUESTION 91

- (Exam Topic 4)

Which option to the tee command will cause the output to be concatenated on the end of the output file instead of overwriting the existing file contents?

- A. -a
- B. -c
- C. --no-clobber
- D. --continue

**Answer:** A

#### NEW QUESTION 96

- (Exam Topic 4)

Which of the following is the device file name for the second partition on the only SCSI drive?

- A. /dev/hda1
- B. /dev/sda2
- C. /dev/sd0a2
- D. /dev/sd1p2

**Answer:** B

#### NEW QUESTION 100

- (Exam Topic 5)

Which of the following commands displays the path to the executable file that would be executed when the command foo is invoked?

- A. lsattr foo
- B. apropos foo
- C. locate foo
- D. whatis foo
- E. which foo

**Answer:** A

#### NEW QUESTION 102

- (Exam Topic 5)

Which of the following commands lists the dependencies of the RPM package file foo.rpm?

- A. rpm -qpR foo.rpm
- B. rpm -dep foo
- C. rpm -ld foo.rpm
- D. rpm -R foo.rpm
- E. rpm -pD foo

**Answer:** A



#### NEW QUESTION 105

- (Exam Topic 5)

Which of the following commands installs all packages with a name ending with the string foo?

- A. zypper get “\*foo”
- B. zypper update “foo?”
- C. zypper force “foo\*”
- D. zypper install “\*foo”
- E. zypper add “.\*foo”

**Answer:** D

#### NEW QUESTION 110

- (Exam Topic 5)

Which of the following commands installs GRUB 2 into the master boot record on the third hard disk?

- A. grub2 install /dev/sdc
- B. grub-mkrescue /dev/sdc
- C. grub-mbrinstall /dev/sdc
- D. grub-setup /dev/sdc
- E. grub-install /dev/sdc

**Answer:** E

#### NEW QUESTION 115

- (Exam Topic 5)

Which of the following regular expressions represents a single upper-case letter?

- A. :UPPER:
- B. [A-Z]
- C. !a-z
- D. %C
- E. {AZ}

**Answer:** B

#### NEW QUESTION 117

- (Exam Topic 5)

Which of the following statements are true about the boot sequence of a PC using a BIOS? (Choose two.)

- A. Some parts of the boot process can be configured from the BIOS
- B. Linux does not require the assistance of the BIOS to boot a computer
- C. The BIOS boot process starts only if secondary storage, such as the hard disk, is functional
- D. The BIOS initiates the boot process after turning the computer on
- E. The BIOS is started by loading hardware drivers from secondary storage, such as the hard disk

**Answer:** AD

#### NEW QUESTION 121

- (Exam Topic 5)

Which of the following files exist in a standard GRUB 2 installation? (Choose two.)

- A. /boot/grub/stages/stage0
- B. /boot/grub/i386-pc/1vm.mod
- C. /boot/grub/fstab
- D. /boot/grub/grub.cfg
- E. /boot/grub/linux/vmlinuz

**Answer:** BD

#### NEW QUESTION 124

- (Exam Topic 5)

What is true regarding the command

ls > files

if files does not exist?

- A. The output of ls is printed to the terminal
- B. files is created and contains the output of ls
- C. An error message is shown and ls is not executed
- D. The command files is executed and receives the output of ls
- E. Any output of ls is discarded

**Answer:** B

#### NEW QUESTION 125

Which Bash environment variable defines in which file the user history is stored when exiting a Bash process? (Specify ONLY the variable name.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
HISTFILE

#### NEW QUESTION 128

Which of the following commands will NOT update the modify timestamp on the file /tmp/myfile.txt?

- 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

**Answer:** A

#### NEW QUESTION 130

When in Normal mode invl, which character can be used to begin a reverse search of the text?

- A. A.?B./C.FD.r

**Answer:** A

#### NEW QUESTION 135

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## About Exambible

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#### NEW QUESTION 1

- (Exam Topic 1)

During a system boot cycle, what program is executed after the BIOS completes its tasks?

- A. The bootloader
- B. The inetd program
- C. The init program
- D. The kernel

**Answer:** A

#### NEW QUESTION 2

- (Exam Topic 1)

You are having some trouble with a disk partition and you need to do maintenance on this partition but your users home directories are on it and several are logged in. Which command would disconnect the users and allow you to safely execute maintenance tasks?

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- B. shutdown -r now
- C. killall -9 inetd
- D. /bin/netstop --maint
- E. /etc/rc.d/init.d/network stop

**Answer:** A

#### NEW QUESTION 3

- (Exam Topic 1)

Which of the following kernel parameters instructs the kernel to suppress most boot messages?

- A. silent
- B. verbose=0
- C. nomsg
- D. quiet

**Answer:** D

#### NEW QUESTION 4

- (Exam Topic 1)

The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. What is the usual way to pass this change to the kernel from your boot loader?

- A. Start in runlevel 1.
- B. Pass init=/bin/sh on the kernel parameter line.
- C. Pass /bin/sh on the kernel parameter line.
- D. Pass start=/bin/sh on the kernel parameter line.

**Answer:** B

#### NEW QUESTION 5

- (Exam Topic 1)

The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process. What does this indicate?

- A. The kernel was unable to execute /bin/init
- B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
- C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run
- D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

**Answer:** B

#### NEW QUESTION 6

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In which directory must definition files be placed to add additional repositories to yum?

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#### Explanation:

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**Answer:** A

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Which file should be edited to select the network locations from which Debian installation package files are loaded?

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- B. /etc/apt/apt.conf
- C. /etc/apt/apt.conf.d
- D. /etc/apt/sources.list
- E. /etc/dpkg/dselect.cfg

**Answer:** D

#### NEW QUESTION 10

- (Exam Topic 2)

An administrator has issued the following command: `grub-install --root-directory=/custom-grub /dev/sda`

In which directory will new configuration files be found? (Provide the full directory path only without the filename)

- A. Mastered
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**Answer:** A

#### Explanation:

/custom-grub/boot/grub/, /custom-grub/boot/grub

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When removing a package, which of the following dpkg options will completely remove the files including configuration files?

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#### Explanation:

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In Bash, inserting 1>&2 after a command redirects

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In compliance with the FHS, in which of the directories are man pages found?

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#### NEW QUESTION 44

- (Exam Topic 3)

Which of the following command sets the Bash variable named TEST with the content FOO?

- A. set TEST="FOO"
- B. TEST = "FOO"
- C. var TEST="FOO"
- D. TEST="FOO"

**Answer:** D

#### NEW QUESTION 48

- (Exam Topic 4)

What does the command mount -a do?

- A. It mounts all available filesystems onto the current directory.
- B. It shows all mounted filesystems.
- C. It mounts all user mountable filesystems for thecurrent user.
- D. It mounts all filesystems listed in /etc/fstab which have the option auto set.
- E. It mounts all filesystems listed in /etc/fstab which have the option noauto set.

**Answer:** D

#### NEW QUESTION 51

- (Exam Topic 4)

In order to display all currently mounted filesystems, which of the following commands could be used? (Choose TWO correct answers.)

- A. cat /proc/self/mounts
- B. free
- C. mount
- D. ls mounts

E. cat /proc/filesystems

**Answer:** AC

#### NEW QUESTION 53

- (Exam Topic 4)

After moving data to a new filesystem, how can the former path of the data be kept intact in order to avoid reconfiguration of existing applications? (Choose TWO correct answers.)

- A. By creating an ACL redirection from the old to the new path of the data.
- B. By creating a hard link from the old to the new path of the data.
- C. By creating a symbolic link from the old to the new path of the data.
- D. By running the command touch on the old path.
- E. By mounting the new filesystem on the original path of the data.

**Answer:** CE

#### NEW QUESTION 58

- (Exam Topic 4)

Which of the following commands will load a kernel module along with any required dependency modules?

- A. depmod
- B. insmod
- C. modprobe
- D. module\_install
- E. loadmod

**Answer:** C

#### NEW QUESTION 60

- (Exam Topic 4)

Which of the following statements is correct for a command line ending with a & character?

- A. The command's output is redirected to /dev/null.
- B. The result of the command defines if the next command will be run.
- C. The command is run in background of the current shell.
- D. The command is run as a direct child of the init process.

**Answer:** C

#### NEW QUESTION 61

- (Exam Topic 4)

Which of the following commands set the sticky bit for the directory /tmp? (Choose TWO correct answers.)

- A. chmod +s /tmp
- B. chmod +t /tmp
- C. chmod 1775 /tmp
- D. chmod 4775 /tmp
- E. chmod 2775 /tmp

**Answer:** BC

#### NEW QUESTION 66

- (Exam Topic 4)

Which of the following commands changes all occurrences of the word "bob" in file data to "Bob" and prints the result to standard output?

- A. sed 's/bob/Bob' data
- B. sed 's/bob/Bob/g' data
- C. sed 's/bob/Bob/' data
- D. sed 's/bob/Bob/' data
- E. sed 's/bob,Bob/' data

**Answer:** B

#### NEW QUESTION 67

- (Exam Topic 4)

Which of the following commands converts spaces in a file to tab characters and prints the result to standard output?

- A. iconv
- B. expand
- C. unexpand
- D. tab

**Answer:** C

#### NEW QUESTION 69



- (Exam Topic 4)

How can the list of files that would be installed by the RPM package file apache.xml.rpm be previewed?

- A. rpm -qp apache.xml.rpm
- B. rpm -qv apache.xml.rpm
- C. rpm -ql apache.xml.rpm
- D. rpm -qpl apache.xml.rpm

**Answer:** D

#### NEW QUESTION 73

- (Exam Topic 4)

What is the process ID number of the init process on a SysV init based system?

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

**Answer:** C

#### NEW QUESTION 74

- (Exam Topic 4)

Which of the following describes the correct order in which the components of the system boot process are started?

- A. BIOS, kernel, bootloader, init system
- B. BIOS, bootloader, kernel, init system
- C. Bootloader, BIOS, kernel, init system
- D. BIOS, bootloader, init system, kernel
- E. Bootloader, BIOS, init system, kernel

**Answer:** B

#### NEW QUESTION 76

- (Exam Topic 4)

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

/etc/inittab

#### NEW QUESTION 79

- (Exam Topic 4)

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

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

**Answer:** B

#### NEW QUESTION 82

- (Exam Topic 4)

Which of the following commands shows the definition of a given shell command?

- A. where
- B. stat
- C. type
- D. case

**Answer:** C

#### NEW QUESTION 83

- (Exam Topic 4)

In the vi editor, what vi command will copy (but not paste) from the current line at the cursor and the following 16 lines (17 lines total)? Specify the correct vi command without spaces.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
17yy

#### NEW QUESTION 85

- (Exam Topic 4)

Which command shows all shared libraries required by a binary executable or another shared library? (Specify ONLY the command without any path or parameters.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
ldd

#### NEW QUESTION 88

- (Exam Topic 4)

Which command will uninstall a package but leave its configuration files in case the package is re-installed?

- A. dpkg -s pkgname
- B. dpkg -L pkgname
- C. dpkg -P pkgname
- D. dpkg -r pkgname

**Answer:** D

#### NEW QUESTION 91

- (Exam Topic 4)

Which option to the tee command will cause the output to be concatenated on the end of the output file instead of overwriting the existing file contents?

- A. -a
- B. -c
- C. --no-clobber
- D. --continue

**Answer:** A

#### NEW QUESTION 96

- (Exam Topic 4)

Which of the following is the device file name for the second partition on the only SCSI drive?

- A. /dev/hda1
- B. /dev/sda2
- C. /dev/sd0a2
- D. /dev/sd1p2

**Answer:** B

#### NEW QUESTION 100

- (Exam Topic 5)

Which of the following commands displays the path to the executable file that would be executed when the command foo is invoked?

- A. lsattr foo
- B. apropos foo
- C. locate foo
- D. whatis foo
- E. which foo

**Answer:** A

#### NEW QUESTION 102

- (Exam Topic 5)

Which of the following commands lists the dependencies of the RPM package file foo.rpm?

- A. rpm -qpR foo.rpm
- B. rpm -dep foo
- C. rpm -ld foo.rpm
- D. rpm -R foo.rpm
- E. rpm -pD foo

**Answer:** A

#### NEW QUESTION 105

- (Exam Topic 5)

Which of the following commands installs all packages with a name ending with the string foo?

- A. zypper get “\*foo”
- B. zypper update “foo?”
- C. zypper force “foo\*”
- D. zypper install “\*foo”
- E. zypper add “.\*foo”

**Answer:** D

#### NEW QUESTION 110

- (Exam Topic 5)

Which of the following commands installs GRUB 2 into the master boot record on the third hard disk?

- A. grub2 install /dev/sdc
- B. grub-mkrescue /dev/sdc
- C. grub-mbrinstall /dev/sdc
- D. grub-setup /dev/sdc
- E. grub-install /dev/sdc

**Answer:** E

#### NEW QUESTION 115

- (Exam Topic 5)

Which of the following regular expressions represents a single upper-case letter?

- A. :UPPER:
- B. [A-Z]
- C. !a-z
- D. %C
- E. {AZ}

**Answer:** B

#### NEW QUESTION 117

- (Exam Topic 5)

Which of the following statements are true about the boot sequence of a PC using a BIOS? (Choose two.)

- A. Some parts of the boot process can be configured from the BIOS
- B. Linux does not require the assistance of the BIOS to boot a computer
- C. The BIOS boot process starts only if secondary storage, such as the hard disk, is functional
- D. The BIOS initiates the boot process after turning the computer on
- E. The BIOS is started by loading hardware drivers from secondary storage, such as the hard disk

**Answer:** AD

#### NEW QUESTION 121

- (Exam Topic 5)

Which of the following files exist in a standard GRUB 2 installation? (Choose two.)

- A. /boot/grub/stages/stage0
- B. /boot/grub/i386-pc/1vm.mod
- C. /boot/grub/fstab
- D. /boot/grub/grub.cfg
- E. /boot/grub/linux/vmlinuz

**Answer:** BD

#### NEW QUESTION 124

- (Exam Topic 5)

What is true regarding the command

ls > files

if files does not exist?

- A. The output of ls is printed to the terminal
- B. files is created and contains the output of ls
- C. An error message is shown and ls is not executed
- D. The command files is executed and receives the output of ls
- E. Any output of ls is discarded

**Answer:** B

#### NEW QUESTION 125

Which Bash environment variable defines in which file the user history is stored when exiting a Bash process? (Specify ONLY the variable name.)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
HISTFILE

#### NEW QUESTION 128

Which of the following commands will NOT update the modify timestamp on the file /tmp/myfile.txt?

- 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

**Answer:** A

#### NEW QUESTION 130

When in Normal mode invl, which character can be used to begin a reverse search of the text?

- A. A.?B./C.FD.r

**Answer:** A

#### NEW QUESTION 135

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