# LPI

## Exam Questions 101-500

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

**NEW QUESTION 1**
- (Exam Topic 1)
Which SysV init configuration file should be modified to disable the ctrl-alt-delete key combination?

A. /etc/keys
B. /proc/keys
C. /etc/inittab
D. /proc/inittab
E. /etc/reboot

**Answer:** C

**NEW QUESTION 2**
- (Exam Topic 1)
Which of the following kernel parameters instructs the kernel to suppress most boot messages?

A. silent
B. verbose=0
C. nomesg
D. quiet

**Answer:** D

**NEW QUESTION 3**
- (Exam Topic 2)
What is the name of the main configuration file for GNU GRUB? (Specify the file name only without any path.)

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
menu.lst, grub.conf, grub.cfg

**NEW QUESTION 4**
- (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 5**
- (Exam Topic 2)
When using rpm --verify to check files created during the installation of RPM packages, which of the following information is taken into consideration? (Choose THREE correct answers.)

A. Timestamps
B. MD5 checksums
C. Inodes
D. File sizes
E. GnuPG signatures

**Answer:** ABD

**NEW QUESTION 6**
- (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 7**
- (Exam Topic 4)

Following the Filesystem Hierarchy Standard (FHS), where should binaries that have been compiled by the system administrator be placed in order to be made available to all users on the system?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
/usr/local/bin/

## NEW QUESTION 8
- (Exam Topic 4)
Which of the following settings for umask ensures that new files have the default permissions -rw-r----- ?

A. 0017
B. 0640
C. 0038
D. 0027

**Answer:** D

## NEW QUESTION 9
- (Exam Topic 4)
Which of the following Linux filesystems preallocates a fixed number of inodes at the filesystem's make/creation time and does NOT generate them as needed? (Choose TWO correct answers.)

A. ext3
B. JFS
C. ext2
D. XFS
E. procfs

**Answer:** AC

## NEW QUESTION 10
- (Exam Topic 4)
Which command creates a swap space on a block device or a file? (Specify ONLY the command without any path or parameters.)

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
mkswap

## NEW QUESTION 11
- (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 12
- (Exam Topic 4)
Which of the following commands print the current working directory when using a Bash shell? (Choose two.)

A. echo "${PWD}"
B. echo "${WD}"
C. pwd
D. printwd
E. echo "${pwd}"

**Answer:** C

## NEW QUESTION 13
- (Exam Topic 5)
Which of the following are valid stream redirection operators within Bash? (Choose two.)

A. <

B. #>
C. %>
D. >>>
E. 2>&1

**Answer:** AE


**NEW QUESTION 14**
- (Exam Topic 5)
A faulty kernel module is causing issues with a network interface card. Which of the following actions ensures that this module is not loaded automatically when the system boots?

A. Using lsmod --remove --autoclean without specifying the name of a specific module
B. Using modinfo –k followed by the name of the offending module
C. Using modprobe –r followed by the name of the offending module
D. Adding a blacklist line including the name of the offending module to the file/etc/modprobe.d/blacklist.conf
E. Deleting the kernel module's directory from the file system and recompiling the kernel, including its modules

**Answer:** D


**NEW QUESTION 15**
- (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 16**
- (Exam Topic 5)
Which is the default percentage of reserved space for the root user on new ext4 filesystems?

A. 10%
B. 3%
C. 15%
D. 0%
E. 5%

**Answer:** E


**NEW QUESTION 17**
- (Exam Topic 5)
What is the first program the Linux kernel starts at boot time when using System V init?

A. /lib/init.so
B. /proc/sys/kernel/init
C. /etc/rc.d/rcinit
D. /sbin/init
E. /boot/init

**Answer:** D


**NEW QUESTION 18**
- (Exam Topic 5)
Which of the following commands list all files and directories within the /tmp/ directory and its subdirectories which are owned by the user root? (Choose two.)

A. find /tmp –user root -print
B. find –path /tmp –uid root
C. find /tmp –uid root -print
D. find /tmp –user root
E. find –path /tmp –user root -print

**Answer:** AE


**NEW QUESTION 19**
- (Exam Topic 5)
Which of the following commands redirects the output of ls to standard error?

A. ls >-1
B. ls <<ERR
C. ls >&2
D. ls >>2
E. ls |error

**Answer:** C


**NEW QUESTION 20**
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 21**
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