Questionaries'

1. Maximum how long can a Linux filename be?
   A. 128 bytes
   B. 255 bytes
   C. 32 bytes
   D. 64 bytes
   Answer: B

2. Which combination of keys is used to exit from terminal?
   A. Ctrl + t
   B. Ctrl + z
   C. Ctrl + d
   D. Ctrl + e
   Answer: C

3. Which command(s) is/are used to get help about a command in Linux?
   A. info
   B. man
   C. None of these
   D. Both a and b
   Answer: A&B

4. Which of the following OS is not based on Linux?
   A. Ubuntu
   B. Redhat
   C. CentOs
   D. BSD
   Answer: D

5. Which command is used to get the kernel version in Linux?
   A. uname -r
   B. kernel
   C. uname -n
   D. uname -s
   Answer: A

Questionaries'

6. Which command is used to list all the files in your current directory(including hidden)?
   A. ls -l
   B. ls -t
   C. ls -a
   D. ls -i
   Answer: C

7. Which command is/are used to remove directory in Linux?
   A. rmdir
   B. rm -r
   C. only b
   D. Both a and b
   Answer: D

8. Which of the following command is used to create file in Linux?
   A. touch
   B. cat
   C. echo
   D. All of the above
   Answer: D

9. In Linux everything stored as a
   A. file
   B. directory
   C. executables
   D. None of the above
   Answer: A

10. Which of the following command can be used as an alternative to echo command?
    A. print
    B. printr
    C. printf
    D. none of these
    Answer: C

Questionaries'

11. Which command is used to change password of your Linux system?
    A. password
    B. pass
    C. change -p
    D. passwd
    Answer: D

12. Which command is used see the list of users who are currently logged-in?
    A. login
    B. users
    C. who
    D. which
    Answer: C

13. Which of the following command is used to know last shutdown/reboot date and time?
    A. last
    B. lastlogin
    C. lastreboot
    D. lastshutdown
    Answer: A

14. Which of the following command is used to count number of lines in a file?
    A. wc -l
    B. wc -c
    C. wc -w
    D. None of these
    Answer: A

15. Which of the following command(s) is/are used to reboot a Linux system?
    A. shutdown -h
    B. reboot
    C. init 6

Questionaries'

D. All of the above
Answer: D

16. Total no of run levels in a Linux system?
    A. 6
    B. 7
    C. 5
    D. 8
    Answer: B

17. Which command is used to copy entire directory?
    A. cp -r
    B. cp -i
    C. cp
    D. none of these
    Answer: A

18. Suppose I am in /etc directory and I want to go to my home directory which command should I use?
    A. cd
    B. cd ~
    C. Both A and B
    D. none of these
    Answer: C

19. Which special character should be avoided during naming a file?
    A. .(dot)
    B. $
    C. _(underscore)
    D. -(Hyphen)
    Answer: D

20. Which of the following is relative path to /home/sandeep directory?
    A. $ cd Desktop/abc
    B. $ cd Downloads/abc

Questionaries'

C. Both a and b
D. $ cd /etc
Answer: C

21. Suppose currently I am in /home/sandeep/Downloads/abc. After executing cd ../..,
    where am I now?
    A. /home/sandeep
    B. /home/sandeep/Downloads
    C. /home
    D. None of these
    Answer: A

22. Suppose I am in /etc directoy, after executing cd .(single dot), where am I now?
    A. /etc
    B. /(root)
    C. /home
    D. None of these
    Answer: A

23. mv command can be used to ?
    A. Move the file to different directory.
    B. Renaming a file
    C. Both a and b.
    D. Only a.
    Answer: C

24. Which command is used to show process hierarchy in tree format?
    A. ps -tree
    B. pstree
    C. ps -t
    D. none of these
    Answer: B

Questionaries'

25. Which of the following command is used to see the content of tar(backup.tar) file without extracting it?
    A. tar -xvf backup.tar
    B. tar -svf backup.tar
    C. tar -tvf backup.tar
    D. none of these
    Answer: C

26. Which command is used to print the login shell of an user?
    A. echo $SHELL
    B. echo $LOGIN
    C. echo $LSHELL
    D. None of the Above
    Answer: A

27. which command is used to print the current working direcotry?
    A. pwd
    B. echo $PWD
    C. Both A and B
    D. Only A
    Answer: C

28. Which of the following statement is true ?
    A. echo $$ return PID of login shell and echo $? return status of last command
    B. echo $$ return status of last command and echo $? return PID of login shell
    C. echo $$ and echo $? return some integer value of no significance
    D. All of the statements are false
    Answer: A

Questionaries'

29. How do you show all processes being run by a particular user?
    A. cat /home/USERNAME/open.process
    B. top –USERNAME
    C. cat /etc/activeprocess | grep USERNAME
    D. netstat -u USERNAME
    E. top -U [USERNAME]
    Answer: E

30. What does GRUB stand for?
    A. Grand Unified Bootloader
    B. Grand Unification Bootloader
    C. Great Unique Bootloader
    D. Gum Removal Under Boot
    E. Great Ultimate Bootloader
    Answer: A

31. GRUB stands for _____.
    A. Grand Unified Boot Loader
    B. Gentoo's Regular Booter
    C. Great Unix Boot Loader
    D. GNU Released Unix Booter
    Answer: A

32. mount -a' will load all filesystems listed in:
    A. /etc/mtab
    B. /etc/filesystems
    C. /etc/fstab
    D. /etc/fs.conf
    Answer: C

33. What is GNOME ?
    A. A computer software system and network protocol that provides a basis for graphical user interfaces (GUIs) and rich input device capability for networked computers.
    B. A desktop environment and graphical user interface that runs on top of a computer operating system.

Questionaries'

C. A linux distribution
Answer: B

34. Ubuntu is based on…
A. Fedora
B. Slackware
C. Debian
D. None of these
E. Gentoo
Answer: C

35. The Linux Kernel was written by?
A. Brian Kernighan
B. Dennis Ritchie
C. Richard Stallman
D. Linus Torvalds
Answer: D

36. What will show you all the subdirectories of the current directory?
A. rm
B. ls
C. cd
D. cp
Answer: B

37. Which directory contains all the files needed to boot the Linux system?
A. /dev
B. /boot
C. /bin
Answer: B

38. 'mkfs' is used to:
A. create a filesystem on a device (such as a hard disk partition)

Questionaries'

B. format a floppy disk
C. create a fast changing section on a hard disk
D. create a named pipe (fifo) on a device
Answer: A

39. The "rm" command is used to:
A. remove a kernel module owned by you
B. run an M4 macro
C. mount a remote file system
D. delete a file
Answer: D

40. What makes up a Linux kernel?
A. base kernel
B. kernel modules
C. all of these
Answer: C

41. What does the pwd command do?
A. It saves the current working directory, so that you can return there with the popd command.
B. It asks the password of the current user, and the prompts for a new password.
C. It prints the path of the current working directory
D. It launches the power management daemon.
Answer: C

42. SSH stands for _____.
A. Security Shell
B. Synchronous Shell
C. System Shell
D. Secure Shell
E. Super Shell
Answer: D

Questionaries'

43. Executing "pwd" in shell will return:
    A. None of these
    B. There is no such command
    C. Your password
    D. Current directory
    Answer: D

44. _____ is a Linux "desktop environment".
    A. XFCe
    B. Gnome
    C. KDE
    D. All of these
    Answer: D

45. What does it means when the ps commands shows a 'Z' in the status column for a process?
    A. The process is in sleep mode.
    B. The process is running at top priority.
    C. The process is a zombie process.
    D. The process is running at low priority.
    Answer: C

46. How do you view the documentation for the command 'kill' in the Linux terminal?
    A. kill -help
    B. kill –help
    C. doc kill
    D. cat /etc/docs/kill | less
    E. man kill
    Answer: E

47. Which answer assists you in finding help on the whois command?
    A. help whois

Questionaries'

B. man whois
C. none of these
D. man help whois
Answer: B

48. What is the right command to save file and exit in Vim?
A. :wq
B. :a
C. :q
D. :q!
E. :w 'file name'
Answer: A

49. Fedora Linux uses _____ packages.
A. deb
B. ebuild
C. deb_src
D. rpm
Answer: D

50. As a privileged user, you may set the hostname with the command:
A. hostname
B. name
C. hn
D. host
Answer: A

51. What command can be used to delete a directory, recursively searching for files and other directories and deleting them?
A. rd
B. rmdir
C. rm -d
D. deltree

Questionaries'

E. rm -r
Answer: E

52. On Red Hat Linux and its derivatives, which of the following commands will be appropriate to check whether a particular "package" is installed or not?
A. query-pkg
B. rpm -qa
C. pkg
D. sys
E. ls
Answer: B

53. LVM is...
A. Logical Volume Manager
B. Linux Video Manager
C. Linux Volume Manager
D. Light Video Manager
Answer: A

54. uname -a will output...
A. kernel info
B. architecture
C. date where the kernel was built
D. cpu info
E. All of the answers are correct.
Answer: E

55. Consider using the command "cd /a/b/c", then executing "cd ..". What does this last command do?
A. changes to your home directory
B. displays the default directory path
C. prompts you for the next directory choice
D. changes to the / directory

Questionaries'

E. changes to /a/b directory

Answer: E

56. To read one or more files and type them on standard output, you use:
    A. ls
    B. cat
    C. type
    D. biff

    Answer: B

57. The command "free" reports on:
    A. memory
    B. cpu
    C. disk space

    Answer: A

58. What does the Linux "no" command do?
    A. Nothing; it doesn't exist.
    B. It's the opposite of the "yes" command; it outputs an infinite series of 'n's (or a word of your choice).
    C. It returns a non-zero exit code to indicate failure (it's a synonym to the "false" command).

    Answer: A

59. The command du -h ~
    A. duplicates the current process
    B. searches you home directory for duplicate filenames
    C. deletes your account and home directory
    D. lists the size of all files within your $HOME with sizes in human readable form
    E. dumps your home directory to /tmp

    Answer: D

Questionaries'

60. What does "chmod 755 file" accomplish?
    A. Makes the file read/write/execute by the owner, read/execute by group and other.
    B. Makes the file execute by the owner, execute/read by group and other.
    C. Makes the file write/execute by the owner, execute by group and other.
    D. Makes the file read by the owner, execute by group and other.
    E. Makes the file write/read by the owner, execute by group and other.
    Answer: A

61. What is a zombie process?
    A. A zombie process is a process created by a worm to remain active even after it is killed.
    B. A zombie process is a process which has terminated, but whose parent had not yet read its exit status.
    C. A zombie process is a process whose status had been saved on the disk, and which is now waiting to be restored.
    Answer: B

62. If a host is called HHH, 'rstat HHH' will:
    A. show HHH uptime
    B. show HHH load averages
    C. all are correct
    D. show HHH current time
    Answer: C

63. Which of the following is not an editor?
    A. expr
    B. vi
    C. emacs
    D. ex
    Answer: A

64. To use chown recursively, instead of using _recursive you can use:
    A. #NAME?
    B. -r
    C. -c
    D. -R
    Answer: D

Questionaries'

65. How to reveal detailed information about CPU?
    A. sysinfo –cpu
    B. cpusage
    C. dmesg
    D. cat /proc/cpuinfo
    Answer: D

66. _____ command starts the default desktop environment.
    A. gdm
    B. xterm
    C. startx
    D. gdm-start
    E. gnome-terminal
    Answer: C

67. If DDD is a non empty directory, and you execute 'rmdir DDD', it will:
    A. move the contents of DDD to /tmp, and delete the DDD directory
    B. delete only the contents of the DDD directory
    C. produce an error
    D. delete both the contents of and the DDD directory
    Answer: C

68. lsof command meAnswer:
    A. Large Scale Optimization File
    B. List Open Files
    C. Local System Officer
    D. Local Service of Files
    E. Lag Spike of Death
    Answer: B

69. Which of the following accurately describes a "ping?"
    A. sends ICMP packets to target device/server to verify if it's online.
    B. makes an audiable ping each time a disk drive start spinning
    C. verifies that the routing tables comply to the current network state
    D. sends TCP packets to target device/server to verify if it's online.
    Answer: A

70. When does /tmp normally get cleaned out?
    A. Never; it has to be manually cleaned.
    B. Every time the system is booted.
    C. Every week (run by /etc/cron.weekly).

Questionaries'

D. Every month (run by /etc/cron.monthly).
Answer: B

71. To report the amount of free disk space available on all mounted file systems you use the command:
A. free
B. fs
C. du
D. df
Answer: D

72. In a date +format, you add the hour in 24 hours format using:
A. %f
B. %H
C. %F
D. %h
Answer: B

73. What does the "uname" command do?
A. nothing
B. print system information
C. show the user name
D. change user name
Answer: B

74. If you use the rm command to accidentally delete a file, how can you get the file back?
A. You cannot get the file back.
B. Go to the trash bin and remove it.
C. Type the rm -u command.
Answer: A

75. command1 | command2 will?
A. Command1 and Command2 run together
B. Output command2 wil be input of command1
C. Output command1 wil be input of command2
D. Command2 run after Command1
Answer: C

76. Is it possible to increase SWAP space without rebooting?
A. No, you have to boot with a Live CD to do that
B. No, you have to reboot for the new swap to be activated properly

C. No, you have to re-install your system to do that
D. Yes if you create a swap file
Answer: D

77. To print the first 10 lines of one or more files to the standard output, you use the command:
A. topf
B. head
C. ftop
D. start
Answer: B

78. What flag makes "ls -l" print file sizes in human readable format (e.g. 1K, 231M, 2G, etc)?
A. -f
B. -r
C. -H
D. -h
Answer: D

79. True or false: The Linux OS is not affected by malware.
A. True
B. False
Answer: B

80. To create one or more directories with the mkdir command, which permissions in the directory's parent directory do you need?
A. create
B. write
C. execute
D. read
Answer: B

81. To display contents of files on standard output, you could use the command:
A. All of these
B. cat
C. more
D. less
Answer: A

82. The at command allows you to execute a command at:
A. a certain machine

Questionaries'

B. a certain holiday
C. a certain date
D. a certain network
Answer: C

83. 'mv -f' will:
A. even if the target file exists, the operation will be carried out (and no warning messages on restricted access modes will be printed)
B. move the file to the filesystem indicated after the '-f' switch
C. will move the file in a fast mode, namely will not make any checks (like if there's enough space for the file)
D. will move the file or directory to a FIFO device
Answer: A

84. What, according to bc, is 2^2?
A. 4.00000001
B. 4
C. 2
D. A syntax error.
Answer: B

85. Typing the "cd" command at the shell prompt will take you to the _____.
A. /root
B. parent
C. current
D. $HOME
E. /boot
Answer: D

86. To search one or more files for matching lines, which command may be used?
A. grep
B. egrep
C. fgrep
D. All of these
Answer: D

87. Single User Mode equivalent to _____.
A. run level 4
B. run level 1
C. run level 3
D. run level 2

Questionaries'

E. run level 0
Answer: B

88. What binary format do Linux Executables use?
A. PE
B. ELF
C. Mach-O
D. a.out
E. COFF
Answer: B

89. What is the uid of root?
A. -1
B. 0
C. superuser
D. 1000
E. 1
Answer: B

90. By default what file contains encrypted user passwords?
A. /etc/password
B. /etc/master.passwd
C. /etc/passwd
D. /etc/shadow
E. /etc/passwdinfo
Answer: D

91. 'mkdir -m 444 any' will:
A. Create a read-write-execute directory named any
B. create a read-only directory named any
C. Create a write-only directory named any
D. Create a read-write directory named any
Answer: B

92. What program is launched by the kernel at system start up first?
A. /sbin/start
B. /boot
C. /sbin/initial
D. /sbin/init
E. /etc/rc.d/rc.sysinit
Answer: D

Questionaries'

93. How do you make a list of all filenames in the /tmp directory that the contain the text "user", regardless of case?
    A. ls /tmp : grep user
    B. ls /tmp | grep user
    C. ls /tmp | grep -i user
    D. grep user /tmp
    E. ls /tmp | find user
    Answer: C

94. Executing the command "init 6" will _____.
    A. set the run level to 0
    B. kill the "init" process
    C. change the user interface to CUI
    D. reboot the system
    E. halt the system
    Answer: D

95. If the system is not in runlevel 0 or 6, before performing a power-off operation, the poweroff command will execute:
    A. shutdown -S
    B. shutdown -s
    C. shutdown -r
    D. shutdown -h
    Answer: D

96. Reset will…
    A. reboot a system
    B. clear your session's screen (terminal)
    C. restart a program
    D. disconnect all processes from a disk drive
    Answer: B

97. To format a device as a Linux second extended filesystem (ext2), you use the command:
    A. Both mke2fs and mkfs.ext2
    B. mke2fs
    C. mkfs.ext2
    Answer: A

Questionaries'

98. What does the following line mean when it is run in a script '#!/bin/bash'?
A. It makes sure that the script runs in the bash shell.
B. It checks to see if the bash shell exists on the machine.
C. all of these
Answer: A

99. In a BASH script this command line parameter contains the scripts own name:
A. $NAME
B. $$
C. $?
D. $0
E. $1
Answer: D

100. Which of the following commands will correctly display the version of the Linux kernel running?
A. All three commands work
B. uname -r
C. uname -o
D. None of these commands work
E. sysinfo
Answer: B

101. To format a device as an ext3 (journaled) Linux extended filesystem, you use the commands:
A. mkfs.ext3
B. all are correct
C. mkfs.ext2 -j
Answer: B

102. To do unlimited precision arithmetic calculations from the shell, you use:
A. All of these
B. bc
C. cal
D. calc
Answer: B

103. You need which of the following access modes in order to cd to a system directory?
A. t
B. w
C. r

Questionaries'

D. x
E. s
Answer: D

104. What does the Linux "yes" command do?
A. Nothing; it doesn't exist.
B. It outputs an infinite series of 'y's (or the word of your choice).
C. It returns the exit code 0 to indicate success (it's a synonym to the "true" command).
Answer: B

105. Which of the following commands shows routing table information?
A. routeshow
B. route –list
C. ip route show
D. ip route get
E. net stat
Answer: C

106. Man pages are written using what markup language?
A. HTML
B. TROFF
C. PERLDOC
D. UTF-8
E. RTF
Answer: B

107. Which command is used for initializing physical volume(hard disk, or partition) for LVM usage?
A. pvmake
B. pvinit
C. lvm -p create
D. pvcreate
E. pvck
Answer: D

108. To create hard-links instead of copies with the cp command, you use:
A. All of these
B. -l
C. –perm-link
D. –cp
Answer: B

Questionaries'

109. In POSIX-compatible shell, what will you see if you enter "echo foo*" when there are no files beginning with "foo" in the current directory?
    A. foo
    B. foo*
    C. foo*: No such file or directory.
    D. echo: No such file or directory.
    E. Nothing.
    Answer: B

110. Which one of these lines will check if the directory "foo" exists and create it if it doesn't?
    A. mkdir -p foo
    B. test -d foo || mkdir foo
    C. if [! -d foo]; then mkdir foo; fi
    D. All but one of them.
    E. All of them.
    Answer: E

111. What is the maximum size of an ext3 file system?
    A. 1 PiB (1,125,899,906,842,624 bytes).
    B. 256 TiB (281,474,976,710,656 bytes).
    C. 32 TiB (35,184,372,088,832 bytes).
    D. There is no theoretical limit.
    E. 1 EiB (1,152,921,504,606,846,976 bytes).
    Answer: C

112. Which command will tell you how long a system has been up and running since it was last booted?
    A. w
    B. who -b
    C. cat /proc/uptime
    D. All answers are correct.
    E. uptime
    Answer: D

113. The cksum command will read from standard input if:
    A. All of these
    B. '.' is used
    C. =' is used
    D. '-' is used
    Answer: D

Questionaries'

114. In a file delimited by commas, what command will print the 3rd column of data:
    A. awk -f, '{print $3}'
    B. awk '{print $3}'
    C. awk -F, '{print $3}'
    Answer: C

115. in terms of system calls, when bash process executes cat or
    C.
    D. \0
    E.
    Answer: E

116. What is the result of echo '$MyVar' ?
    A. MyVar
    B. the value of $MyVar
    C. $MyVar
    Answer: C

117. A user has a file called OriginalFile, and then creates a hard link to it by executing the
    following command (brackets not part of command): [cp -l OriginalFile CopyOfFile]
    Which of the following are true?
    A. Deleting CopyOfFile will delete OriginalFile
    B. Moving OriginalFile to a new directory will cause CopyOfFile to become a broken link
    C. All of these are true
    D. None of these are true
    E. Editing CopyOfFile will affect OriginalFile
    Answer: E

118. What file will show you how the kernel was started?
    A. /proc/bootargs
    B. /boot/grub/menu.lst
    C. /boot/grub/grub.conf
    D. /proc/cmdline
    Answer: D

119. Can `ip` in iproute2 take multiple commands in a row?
    A. Yes, using `ip -sequence`
    B. Yes, using `ip –file`
    C. No
    D. Yes, using `ip -batch`

Questionaries'

E. Yes, using `ip -f`
Answer: D

120. Will tar extract information about file permissions?
A. Yes, if "-p" specified or is root.
B. No.
C. Yes, only if "-p" specified.
D. Yes, only if it's root.
E. Yes, only on NTFS volumns.
Answer: A

121. In chgrp command, the letter you use to add a sticky bit (e.g., to prevent removal of files by non-owner from a directory) is:
A. l
B. s
C. y
D. t
Answer: D

122. newgrp will:
A. create a new group on the system
B. create a new group and potentially add users to it
C. change user's group ID (GID)
D. change group's parameters
Answer: C

123. To block/allow regular users to send write messages to your session, you use:
A. write -q
B. block [-y|-n]
C. term -q
D. mesg
Answer: D

124. What command is used to count the total number of lines, words, and characters contained in a file?
   a. countw
   b. wcount
   c. wc
   d. count p
   e. None of the above
   Answer: C

125. What command is used to remove files?

a. dm
b. rm
c. delete
d. erase
e. None of the above

Answer: B

126. What command is used to remove the directory?

a. rdir
b. remove
c. rd
d. rmdir
e. None of the above

Answer: D

127. What command is used with vi editor to delete a single character?

a. x
b. y
c. a
d. z
e. None of the above

Answer: A

128. What hardware architectures are not supported by Red Hat?

a. SPARC
b. IBM-compatible
c. Alpha
d. Macintosh
e. None of the above

Answer: D

129. The physical layer of a network

a. constructs packets of data and sends them across the network
b. controls error detection and correction
c. defines the electrical characteristics of signals passed between the computer and communication devices
d. All of the above
e. None of the above

Answer: C

Questionaries'

130. What TCP/IP protocol is used for remote terminal connection service?

    a. UDP
    b. RARP
    c. FTP
    d. TELNET
    e. None of the above
   Answer: D

131. How many networks and nodes per network, are allowed by the Class B network?

    a. 127 networks and 16,777,216 nodes per network
    b. 16,384 networks and 65,534 nodes per network
    c. 2,097,152 networks and 254 nodes per network
    d. All of the above
    e. None of the above
   Answer: B

132. What service is used to translate domain names to IP addresses?

    a. NFS
    b. SMB
    c. NIS
    d. DNS
    e. None of the above
   Answer: D

133. Which of the following command is used to create a Linux installation boot floppy?

    a. mkboot disk
    b. bootfp disk
    c. ww and rawwrite
    d. dd and rawrite
    e. None of the above
   Answer: D

134. How can you add Amit, a new user, to your system?

    a. Using useradd
    b. Using adduser
    c. Using linuxconf
    d. All of the above
    e. None of the above

Questionaries'

Answer: D

135. What file specifies the order in which to use specified name services?

 a. /etc/services
 b. /etc/nsorder
 c. /etc/nsswitch.conf
 d. /etc/hosts
 e. None of the above

Answer: C

136. How many primary partitions can exist on one drive?

 a. 16
 b. 4
 c. 2
 d. 1
 e. None of the above

Answer: B

137. In which directory can you store system user default files used for creating user directories?

 a. /usr/tmp
 b. /etc/default
 c. /etc/skel
 d. /etc/users
 e. None of the above

Answer: C

138. How could you install the file ipchains-1.3.9-5.i386.rpm?

 a. rpm -qip ipchains
 b. rpm -Uvh ipchains
 c. rpm -i ipchains* .i386.rpm
 d. rpm -e ipchains-1.3.9-5.i386.rpm
 e. None of t

139. What does FSF stand for?

 a. Free Software File
 b. File Server First
 c. First Serve First
 d. Free Software Foundation

Questionaries'

e. None of the above

Answer: D

140. Which of the following is a valid format for mounting a CD-ROM drive?

a. mount -t iso9660 /dev/cdrom / mnt/cdrom
b. mount /dev/cdrom
c. mount /mnt/cdrom
d. All of the above
e. None of the above

Answer: D

141. What command do you use to create Linux file systems?

a. fdisk
b. mkfs
c. fsck
d. mount
e. None of the above

Answer: B

142. Which of the following command can you execute to count the number of lines in a file?

a. lc
b. wc - l
c. cl
d. count
e. None of the above

Answer: B

143. Which of the following is not a communication command?

a. grep
b. mail
c. mesg
d. write
e. None of the above

Answer: A

144. What command is used to display the characteristics of a process?

a. au
b. ps

Questionaries'

    c. du
    d. pid
    e. None of the above
  Answer: B

145. What command is not used to list the files chap01, chap02 and chap04?

    a. ls chap*
    b. ls chap[124]
    c. ls - x chap0[124]
    d. ls chap0[124]
    e. None of the above
  Answer: B

146. What command is used with vi editor to replace text from cursor to right

    a. S
    b. s
    c. R
    d. r
    e. None of the above
  Answer: C

147. What sign is used to back up over typing errors in vi?

    a. !
    b. $
    c. #
    d. @
    e. None of the above
  Answer: C

148. What sign is used to erase or kill an entire line you have typed and start you are on a new line (but not display a new prompt)?

    a. !
    b. $
    c. #
    d. @
    e. None of the above
  Answer: D

149. What command is used to sort the lines of data in a file in alphabetical order?

a. sort - r
b. st
c. sh
d. sort
e. None of the above
Answer: D

150. What command is used with vi editor to save file and remain in the editing mode?

a. x
b. q!
c. :w
d. :q
e. None of the above
Answer: C

151. What command is used with vi editor to move back to the beginning of a word?

a. w
b. e
c. a
d. b
e. None of the above
Answer: D

152. What command is used with vi editor to search a pattern in the forward direction?

a. ??
b. //
c. ?
d. /
e. None of the above
Answer: D

153. What project is currently developing X server support?

a. XFree86 Project, Inc.
b. RHAD Labs
c. GNOME Project
d. All of the above
e. None of the above
Answer: A

Questionaries'

154. What X-based tool is available for configuring the X Window system?

    a. XConfigurator
    b. XF86Setup
    c. xf86config
    d. All of the above
    e. None of the above
   Answer: B

155. Which of the following server is used with the BIND package?

    a. httpd
    b. shttp
    c. dns
    d. named
    e. None of the above
   Answer: D

156. Which of the following is the main Apache configuration file?

    a. /etc/apache.conf
    b. /etc/httpd/config.ini
    c. /etc/httpd/conf/httpd.conf
    d. /etc/srm.conf
    e. None of the above
   Answer: C

157. What does GNU stand for?

    a. GNU's not Unix
    b. Greek Needed Unix
    c. General Unix
    d. General Noble Unix
    e. None of the above
   Answer: A

158. What command is used to list contents of directories?

    a. tar
    b. dir

    c. lp
    d. ls
    e. None of the above
Answer: D

159. What command is used with vi editor to append text at end of line?

    a. I
    b. i
    c. a
    d. A
    e. None of the above
Answer: D

160. What command is used to copy directory structures in and out?

    a. copy
    b. cp - p
    c. cpio
    d. cp
    e. None of the above
Answer: C

161. In OSI network architecture, the dialogue control and token management are responsible of

    a. data link layer
    b. transport layer
    c. network layer
    d. session layer
    e. None of the above
Answer: D

162. Layer one of the OSI model is

    a. network layer
    b. transport layer
    c. link layer
    d. physical layer
    e. None of the above
Answer: D

163. What layer of OSI determines the interface of the system with the user?

a. Session
b. Data-link
c. Application
d. Network
e. None of the above
Answer: C

164. What command is used to remove jobs from the print queue?

a. lpq
b. lpr
c. lprm
d. lpc
e. None of the above
Answer: C

165. How can you navigate around virtual consoles?

a. Alt+Function Key
b. Ctrl+Function Key
c. Ctrl+Alt+Del
d. Alt+a+w+Function Key
e. None of the above
Answer: A

166. What command is used to save the standard output in a file, as well as display it on the terminal?

a. tee
b. grep
c. cat
d. more
e. None of the above
Answer: A

167. What command is used to count just the number of lines contained in a file?

a. wc - r
b. wc - w
c. wc - c
d. wc - l
e. None of the above
Answer: D

Questionaries'

168. In OSI network architecture, the routing is performed by

    a. session layer
    b. transport layer
    c. data link layer
    d. network layer
    e. None of the above

    Answer: D

169. The 32-bit internet address 10000000 00001010 00000010 00011110 will be written in dotted decimal notation as

    a. 128.10.2.30
    b. 210.20.2.64
    c. 164.100.9.61
    d. 148.20.2.30
    e. None of the above

    Answer: A

170. Which class network is used for a collection of a small number of networks with a large number of nodes?

    a. Class A
    b. Class B
    c. Class C
    d. All of the above
    e. None of the above

    Answer: A

171. What type of addressing format is used by Class A network.

    a. Net.Net.Net.Node
    b. Net.Net.Node.Node
    c. Net.Node.Net.Node
    d. Net.Node.Node.Node
    e. None of the above

    Answer:

172. RPM

    a. stands for Red Hat Package Manager
    b. is used to install, uninstall, and manage packages
    c. is used to keep track of the users

   d. assigns a dynamic IP address
   e. None of the above
Answer: A

173. What command is used to query for a specific package with RPM?

   a. rpm -q
   b. rpm -a
   c. rpm -d
   d. rpm -1
   e. None of the above
Answer: A

174. What script is run for setting bash global defaults for all users?

   a. /etc/.profile
   b. /etc/.bashrc
   c. /etc/.log
   d. /etc/profile
   e. None of the above
Answer: D

175. Who founded the Linux Kernel?

   a. Bill Gates
   b. Ben Thomas
   c. Richard Stallman
   d. Linus Torvalds
   e. None of the above
Answer: D

176. Which of the following is not a part of default Red Hat Linux email system?

   a. Pine
   b. The MTA
   c. The MUA
   d. procmail
   e. None of the above
Answer: A

177. In what file can you specify which users are not allowed to access a system via FTP?

   a. /etc/ftpusers

b. /etc/hosts.deny
c. /etc/ftpaccess
d. All of the above
e. None of the above

Answer: A

178. Which program is used to schedule particular jobs or programs at particular times on the system?

a. vi
b. Outlook
c. Scheduler
d. cron
e. None of the above

Answer: D

179. Which command can force all buffers to disk?

a. save
b. sync
c. edbuff
d. flush
e. None of the above

Answer: B

180. How many extended partitions can exist on one drive?

a. 16
b. 4
c. 2
d. 1
e. None of the above

Answer: D

181. For you to create a swap partition by using fdisk, what must the partition's system ID type be?

a. 83
b. 82
c. 5
d. 4
e. None of the above

Answer: B

Questionaries'

182. What file contains the list of port numbers (and associated names) monitored by inetd?

     a. /etc/services
     b. /etc/nsorder
     c. /etc/nsswitch.conf/
     d. /etc/hosts
     e. None of the above
    Answer: A

183. The location of some system configuration and system administrator executable files, is:

     a. /home
     b. /proc
     c. /var
     d. /sbin
     e. None of the above
    Answer: D

184. The location for subdirectories for local programs and executables for user and administrative commands, is:

     a. /usr
     b. /tmp
     c. /opt
     d. /mnt
     e. None of the above
    Answer: A

185. Which of the following is not a filter command?

     a. sort
     b. wc
     c. grep
     d. cat
     e. None of the above
    Answer: D

186. What command is used to display a file contents in octal form?

     a. oct
     b. of
     c. od
     d. cd

e. None of the above

Answer: C

187. What command is used to assign executable permission to all of the files named "report"?

   a. chmod ugo + x report
   b. chmod u + x report
   c. chmod ugo + rw report
   d. chmod ugo + r report
   e. None of the above

   Answer: A

188. What command is used to change the working directory?

   a. cdir
   b. chdir
   c. changedir
   d. cd
   e. None of the above

   Answer: D

189. What command is used to count the number of files in the current directory by using pipes?

   a. ls | ws - c
   b. ls | wc - w
   c. ls | wc - l
   d. ls | wc
   e. None of the above

   Answer: C

190. What command is used to count just the number of characters in a file?

   a. wc - r
   b. wc - w
   c. wc - c
   d. wc - 1
   e. None of the above

   Answer: C

191. How many class A, B and C network IDs can exist?

Questionaries'

    a. 128
    b. 126
    c. 16,382
    d. 2,113,658
    e. None of the above
Answer: D

192. LILO

    a. stands for Linux loader
    b. is the Linux boot loader
    c. is a tool used to boot the Kernel on x86 hardware
    d. All of the above
    e. None of the above
Answer: D

193. How can you rebuild the RPM file to include the new patches?

    a. - - recompile
    b. - - rebuild
    c. - - generate
    d. - - execute
    e. None of the above
Answer: A

194. NIS

    a. is Network Information Service
    b. is a simple directory service whose main purpose is to allow remote authentication of systems on local network systems
    c. was formerly known as yellow pages
    d. allows configuration-such as password and group files
    e. None of the above
Answer: A

195. In order to increase the amount of memory available for a system, what is the maximum size of a swap partition (with kernel version 2.2.x)?

    a. 2GB
    b. 128MB
    c. 64MB
    d. 32MB

Questionaries'

      e. None of the above

Answer: A

196. Which file is used to configure which filesystems are mounted?

      a. /etc/mount.sys
      b. /etc/filesys
      c. /etc/sysconfig
      d. /etc/fstab
      e. None of the above

Answer: D

197. Who has developed the Linux?

      a. Bob Young
      b. Mark Eving
      c. Richard Stallman
      d. Linus Torvalds
      e. None of the above

Answer: D

198. What does OSS stand for?

      a. Open System Software
      b. Original Source Software
      c. Open Source Software
      d. Original System Server
      e. None of the above

Answer: C

199. Which of the following subdirectory(ies) contains the device files?

      a. /dev
      b. /bin
      c. /etc
      d. /home
      e. None of the above

Answer: A

200. Which of the following subdirectory(ies) contains the system boot scripts.

      a. /dev
      b. /bin
      c. /etc

Questionaries'

      d. /home

      e. None of the above

    Answer: C

201. Which of the following tool is used to partition your hard drive?

      a. mkfs

      b. fdisk

      c. fsck

      d. mount

      e. None of the above

    Answer: B

202. Where can system and mail logs be found in Ret Hat Linux?

      a. /var/log

      b. /etc/log

      c. /mail

      d. All of the above

      e. None of the above

    Answer: A

203. What command is used to display and create files?

      a. lyrix

      b. ed

      c. vi

      d. cat

      e. None of the above

    Answer: D

204. Which of the following command can be used to rename a file in UNIX?

      a. ren

      b. mv

      c. remove

      d. change

      e. None of the above

    Answer: B

205. What command is used to remove a file?

Questionaries'

a. del
b. mv
c. rm
d. remove
e. None of the above

Answer: C

206. What command is used to display the top of the file?

a. grep
b. more
c. head
d. cat
e. None of the above

Answer: C

207. What command can be used to get information about yourself?

a. which
b. pwd
c. i /4
d. who am i
e. None of the above

Answer: D

208. What package group will you select during the custom configuration to enable the machine to communicate with Windows clients?

a. SMB (Samba) Connectivity
b. IPX/NetWare Connectivity
c. Dial-up Workstation
d. All of the above
e. None of the above

Answer: A

209. Which of the following tool allows you to change your default X Window desktop?

a. switchdesk
b. intrc
c. xinitre
d. Xchange
e. None of the above

Answer: A

Questionaries'

210. What command is used to sort the lines of data in a file in reverse order?

    a. sort - r
    b. st
    c. sh
    d. sort
    e. None of the above
    Answer: A

211. What command is used to print a file?

    a. lp
    b. pg
    c. prn
    d. print
    e. None of the above
    Answer: A

212. The command chmod 761 letter is equivalent to

    a. chmod 4=7, g = 6, o = 1 letter
    b. chmod a = 761 letter
    c. chmod u = rwx, g = rw, o = x letter
    d. chmod 167 letter
    e. None of the above
    Answer: C

213. What command is used with vi editor to move forward to the end of a word?

    a. c
    b. d
    c. b
    d. e
    e. None of the above
    Answer: D

214. The IP address are based on

    a. 16-bit addresses
    b. 32-bit addresses
    c. 64-bit addresses
    d. 8-bit addresses

e. None of the above

Answer: B

215. What TCP/IP protocol is used for transferring electronic mail messages from one machine to another?

   a. FTP
   b. SNMP
   c. SMTP
   d. RPC
   e. None of the above

Answer: C

216. Which daemon is used for the Apache server?

   a. apached
   b. httpd
   c. html
   d. shttp
   e. None of the above

Answer: B

217. What shell's wild-card is used to match a single character?

   a. [!ijk]
   b. [ijk]
   c. ?
   d. *
   e. None of the above

Answer: C

218. What command is used to display your current working directory?

   a. path
   b. pwd
   c. prompt pg
   d. dir
   e. None of the above

Answer: B

Questionaries'

219. What command is used with vi editor to move the cursor to the left?

    a. h
    b. k
    c. j
    d. i
    e. None of the above

    Answer: A

220. Which of the following command is used to mount NFS filesystems?

    a. nfsmount
    b. knfsd
    c. mount
    d. All of the above
    e. None of the above

    Answer: C

221. To create an installation boot floppy disk from Linux (or another Unix) machine, what command could you use?

    a. fdisk
    b. fsck
    c. dd
    d. rawrite
    e. None of the above

    Answer: C

222. You just added a new user, kara, to the system. What group is kara added to by default?

    a. root
    b. kara
    c. group
    d. user
    e. None of the above

    Answer: B

223. What are the appropriate Hex codes for setting Linux swap and Linux native partition types in fdisk?

Questionaries'

   a. 82 and 83
   b. 92 and 93
   c. 63 and 64
   d. 82 and 85
   e. None of the above

Answer: A

224. What command do you use to delete a file?

   a. rename
   b. delete
   c. rm
   d. cp
   e. None of the above

Answer: C

225. Which of the following command lists the last 10 lines of a file?

   a. grep
   b. tail
   c. head
   d. cat
   e. None of the above

Answer: B

226. What command is used to terminate a process?

   a. kill
   b. cancel
   c. haltsys
   d. shutdown
   e. None of the above

Answer: A

227. What command is used with vi editor to delete three words?

   a. 3$d
   b. 3 dw
   c. 3 x
   d. 3 dd
   e. None of the above

Answer: B

Questionaries'

228. What command is used to assign only read permission to all three categories of the file'letter'?

    a. chmod u + r, g + r, o - x letter
    b. chmod ugo = r letter
    c. chmod a - rw letter
    d. chmod go + r letter
    e. None of the above
   Answer: B

229. What command is used with file named 'letter' to remove the executable permission from the user and assign read permission to the group and others?

    a. chmod go + x, u - x letter
    b. chmod g - x, uo + r letter
    c. chmod go + r, u + x letter
    d. chmod u - x, go + r letter
    e. None of the above
   Answer: D

230. What command is used to assign executable permission to the owner of the file named "letter"?

    a. chmod ugo + x letter
    b. chmod u + x letter
    c. chmod u + w letter
    d. chmod g + x letter
    e. None of the above
   Answer: B

231. What command is used to summarize the disk usage?

    a. disk
    b. du
    c. fdisk
    d. chkdsk
    e. None of the above
   Answer: B

232. What command is used to list the jobs currently in print queues?

    a. lpq
    b. lpr

Questionaries'

      c. lprm
      d. lpc
      e. None of the above
   Answer: A

233. Which of the following format of partition tables does Linux use?

      a. Linux
      b. BSD
      c. UnixWare
      d. DOS
      e. None of the above
   Answer: D

234.