



Start

Exam Simulation

Question #1

- Question

- Consider the following IP address: **172.17.8.10/22**. Which subnet mask is assigned to this address?

- Answers

- ✓ ■ A: 255.255.252.0
- B: 255.255.0.0
- C: 255.255.255.0
- D: 255.255.255.252

Question #2

- Question

- You need to find out which directories in the Linux file system are included in the system path. What command can you use?

- Answers

- A: show \$PATH
- ✓ ■ B: echo \$PATH
- C: print PATH
- D: man path

Question #3

- Question
 - You need to add the user **james** to the secondary group **developers**. Which command can be used to do this?
- Answers
 - A: `useradd -g developers james`
 - B: `usermod -g developers james`
 - C: `groupadd -U james developers`
 - ✓ ■ D: `usermod -aG developers james`

Question #4

- Question
 - Which file contains a list of your most recently entered shell commands?
- Answers
 - A: ~/.history
 - ✓ ■ B: ~/.bash_history
 - C: /etc/bash_history
 - D: ~/.bash_commands

Question #5

- Question

- Which of the following manual sections contain man pages for utilities and commands that can be used by any user?

- Answers

- A: 9
- ✓ ■ B: 1
- C: 3
- D: 7

Question #6

- Question

- You are using **man** to view the manual page for the **chmod** utility. Which keystroke will exit man?

- Answers

- A: X
- B: Ctrl+X
- ✓ ■ C: Q
- D: Ctr+Q

Question #7

- Question

- You need to search for man pages that relate to the **Samba daemon**. Which command will do this?

- Answers

- ✓ ■ A: `man -k samba`
- B: `man -s samba`
- C: `which samba`
- D: `search samba`

Question #8

- Question

- You want to view a list of the **aliases** currently defined on your Linux system. Which command will do this?

- Answers

- A: alias -a
- ✓ ■ B: alias
- C: alias -l
- D: env alias

Question #9

- Question
 - Where are most of the configuration files stored in a Linux file system?
- Answers
 - A: /boot
 - ✓ ■ B: /etc
 - C: /usr
 - D: /var

Question #10

- Question

- You are logged on the terminal and your current directory is **/etc**. You want to create a file named **readme.txt** in your **home directory**. Which command will do this?

- Answers

- A: vi readme.txt
- B: vi readme.txt -new
- ✓ ■ C: vi ~/readme.txt
- D: vi /home/readme.txt

Question #11

- Question
 - Which keystroke will switch **vi** from command mode to insert mode?
- Answers
 - A: DELETE
 - ✓ ■ B: I
 - C: ESC
 - D: F2

Question #12

- Question

- You have made several changes to a configuration file using **vi**. You realize that you have made many mistakes and want to **quit without saving** the changes. Which command will do this?

- Answers

- A: :q
- B: :exit
- C: :exit!
- ✓ ■ D: :q!

Question #13

- Question

- You have created a new file using **vi** and need to save the file to disk and exit the program. Which command will do this?

- Answers

- A: :w
- ✓ ■ B: :wq
- C: :q
- D: :e!

Question #14

- Question

- Which directory is the home directory of the **root** user?

- Answers

- A: /home/root
- B: /
- C: /users/root
- ✓ ■ D: /root

Question #15

- Question

- You need to delete the **Temp** directory within your user's home directory. Given that **Temp** has files in it, which is the best command to do this?

- Answers

- A: `rmdir Temp`
- B: `rmdir ~/Temp`
- ✓ ■ C: `rm -r ~/Temp`
- D: `rm ~/Temp`

Question #16

- Question

- You need to find all files named **readme.txt** in your Linux file system. Which is the correct command to do this?

- Answers

- A: find readme.txt
- B: find / readme.txt
- ✓ ■ C: find / -name readme.txt
- D: find -name readme.txt

Question #17

- Question

- You need to examine the contents of your `/var/messages.log` file, but you would like to scroll it forward and backward, and to search in it. Which is the best command to do this?

- Answers

- A: `head /var/messages.log`
- B: `cat /var/messages.log`
- C: `tail /var/messages.log`
- ✓ ■ D: `less /var/messages.log`

Question #18

- Question

- Your Linux system has **two SATA disks**. Which of the following refers to the **second SATA drive** in the system?

- Answers

- ✓ ■ A: /dev/sdb
- B: /dev/sdd
- C: /dev/sda
- D: /dev/sdc

Question #19

- Question
 - Where does the Linux kernel reside?
- Answers
 - A: MBR
 - ✓ ■ B: /boot
 - C: /kernel
 - D: /proc

Question #20

- Question
 - Your Linux system has **three SATA disks**. Which of the following refers to the second partition on the first drive?
- Answers
 - A: /dev/sda1
 - B: /dev/sdb2
 - ✓ ■ C: /dev/sda2
 - D: /dev/sdc2

Question #21

- Question

- Which configuration parameter in **/etc/default/grub** specifies how long the system will wait before the default operating system is booted?

- Answers

- A: GRUB_DEFAULT
- ✓ ■ B: GRUB_TIMEOUT
- C: GRUB_SAVED_TIMEOUT
- D: BOOT_TIMEOUT

Question #22

- Question

- You need to switch your system to **runlevel 3**. Which command should you use?

- Answers

- A: `systemctl isolate graphical.target`
- B: `systemctl isolate runlevel5.target`
- ✓ ■ C: `systemctl isolate multi-user.target`
- D: `systemctl isolate nongraphical.target`

Question #23

- Question

- You currently have an RPM package file named **newsoft-3.0.0-15.x86_64.rpm** installed on your Linux system. You have recently downloaded the **newsoft-3.2.0-45.x86_64.rpm** package. What command would you use to install the newer version of this package?

- Answers

- ✓ ■ A: `rpm -U newsoft-3.2.0-45.x86_64.rpm`
- B: `rpm -i newsoft-3.2.0-45.x86_64.rpm`
- C: `rpm -i --upgrade newsoft-3.2.0-45.x86_64.rpm`
- D: `rpm -e newsoft-3.2.0-45.x86_64.rpm`

Question #24

- Question

- You created an **ext4 file system** on the first partition on the second hard disk in your system and now need to mount it in **/mnt/extraspace** in read-write mode. Which commands will do this?

- Answers

- ✓ ■ A: `mount -t ext4 /dev/sdb1 /mnt/extraspace`
- B: `mount -t ext4 -o ro /dev/sdb1 /mnt/extraspace`
- C: `mount -t ext /dev/sdb1 /mnt/extraspace`
- D: `mount -t ext4 /dev/sda1 /mnt/extraspace`

Question #25

- Question

- Which of the following files is used to store **user accounts related information** on a Linux system that has been configured to use local authentication?

- Answers

- A: /etc/users
- B: /etc/local_users
- ✓ ■ C: /etc/shadow
- D: /etc/passwords

Question #26

- Question
 - Which two folders store **systemd** units of type **service**?
- Answers
 - A: /bin/systemd/system/
 - ✓ ■ B: /usr/lib/systemd/system/
 - C: /lib64/systemd/system/
 - D: /usr/systemd/system/

Question #27

- Question

- You have just downloaded an RPM package file named **newsoft-3.2.0-45.x86_64.rpm** to your home directory. Assuming the current directory is your home directory, what command could you use to install the package on your system?

- Answers

- A: rpm -install newsoft-3.2.0-45.x86_64.rpm
- ✓ ■ B: rpm -ivh newsoft-3.2.0-45.x86_64.rpm
- C: rpm -add newsoft-3.2.0-45.x86_64.rpm
- D: rpm newsoft-3.2.0-45.x86_64.rpm

Question #28

- Question

- You need to **format** the second partition on the third SATA disk using the ext4 file system. Which is the correct command to do this?

- Answers

- A: `mkfs -t ext4 /dev/sdb3`
- B: `mk.xfs /dev/sdc2`
- ✓ ■ C: `mkfs.ext4 /dev/sdc2`
- D: `mkext4 /dev/sdc2`

Question #29

- Question

- You need to change the **ownership** of the **readme.txt** file to user and users. Which command will do this?

- Answers

- A: change user:users readme.txt
- B: owner user:users readme.txt
- C: chmod user:users readme.txt
- ✓ ■ D: chown user:users readme.txt

Question #30

- Question

- You need to **create** a **compressed archive** of **/etc** to a removable disk drive mounted at **/mnt/backup**. Which command will do this?

- Answers

- A: `tar -xzvf /mnt/backup/backup.tar.gz /etc`
- ✓ ■ B: `tar -czvf /mnt/backup/backup.tar.gz /etc`
- C: `tar -czvf /mnt/backup/backup.tar.gz ~/etc`
- D: `tar -czvf /etc /mnt/backup/backup.tar.gz`



Finish

Exam Simulation