

Question 1**1 / 1 point**

The best way to use these review questions is to stop doing the review question, look up the correct answer from your notes, and thereby ensure that you always get a good mark on the review quiz.

- True
- False

Question 2**1 / 1 point**

Your professor would recommend that you complete the quiz in the required time, without looking at any course notes, study aids, or looking up the answer on google.

- True
- False

Question 3**1 / 1 point**

Which of the following commands will redirect the output and append to a file?

- ls -las /etc |more
- ls -las /etc >> more
- ls -las /etc > more
- ls / | more

Question 3**1 / 1 point**

Consider the following entry in the /etc/passwd file

user1:x:1001:1002::/home/user1:/bin/sh

What is the user ID?



- /bin/sh
- /home/user1
- 1002
- 1001

Question 4**0 / 1 point**

What is the command to reboot the computer immediately?



shutdown -r now



- shutdown -h now
- shutdown -h +10
- shutdown -s 0

Question 5

1 / 1 point

What command should you use to change the password for the currently logged in user?

- passwd root
- passwd
- sudo passwd root
- sudo password

Question 6

1 / 1 point

If you want an effective permission of 644 on files, what umask do you need to set?

- 111
- 222
- 002
- 022

Question 7

0 / 1 point

Which path is a relative path?

- /
- /home
- /home/username
- home/username
- None of the above

Question 8

0 / 1 point

If the umask is 011, what are the effective permissions on a new file?

- rw-rw-rw-
- rw-rw-r--
- r--r--r--
- rw-r--r--

Consider the following information

-rw-r-xr-- 1 user1 user1 0 Oct 8 19:42 android

What are the permissions for the user?

- rwx
- r-x
- r--
- rw-

Question 10

1 / 1 point

Which flags for the ls command would you use to list all files in long listing format?

- lh
- ls
- ld
- la

Question 11

1 / 1 point

If the bash prompt of a user looks like this

`user@main:~$`

What does the output of pwd look like?

- /~/
- /home/user
- /~/user
- ~

Question 12**1 / 1 point**

Assume that the following is the output of the tree command from your current working directory.

```
.
├── android
├── linux
│   └── f1
```

What command would you use to determine if f1 is a file or a folder?

- ls -l ../
- ls -l linux
- ls -l android
- ls -l ./

Question 13**0 / 1 point**

What is the command used to create the folder *child*, as well as the *parent* folder, *parent/child*?

- mkdir -c parent/child
- mkdir parent/child
- mkdir -r parent/child
- mkdir -p parent/child
- None of the above

Question 14**1 / 1 point**

If you want to read about the flags for the ls command, what command would you enter?

- find ls
- whereis ls
- man ls
- cat ls

Question 15**1 / 1 point**

To execute an external command in VIM, you should _____

- type :! followed by the command in command mode
- type :! followed by the command in insert mode
- type :! followed by the command in visual mode

Question 16**1 / 1 point**

_____ systems provide an environment in which the various system resources (for example, CPU, memory, and peripheral devices) are utilized effectively, but they do not provide for user interaction with the computer system.

- Multiprogrammed
- Time sharing
- Single-user
- Multi-user

Question 17**1 / 1 point**

The command that will set an option so a search or substitute ignores case in vim _____.

- :set hls
- :set hls is
- :set ic
- :set noic

Question 18**1 / 1 point**

Which of the following will correctly display a message to the end-user, and also accepts input into a variable called age?

- read age -p "Enter your age: "
- read -p "Enter your age: " age
- read age "Enter your age: "
- read "Enter your age: " age

Question 19**1 / 1 point**

Consider the following script.

```
#!/bin/bash  
x=10  
{ x=20; }  
echo $x
```

What is displayed on the screen?

- 10
- command not found
- nothing
- 20

Question 20**1 / 1 point**

What does the second field in the */etc/fstab* file contain?

- describes the device
- describes the mount order
- describes the mount point
- describes the filesystem

Question 21

0 / 1 point

What is the exit status for the following expression?

```
[ -d old ]
```

Given that the output of the `ls -l` command is the following.

```
a12345@a12345vm:~/review$ ls -l
total 8
drwxrwxr-x 8 a12345 a12345 4096 Dec 4 15:59 new
drwxrwxr-x 8 a12345 a12345 4096 Dec 4 15:59 old
```

- 0
- 2
- command not found
- 1

Question 22

1 / 1 point

Consider the following bash script

```
#!/bin/bash
x=6;y=4
if [ $x -gt $y ]; then
    echo 1
elif [ $x -eq $y ]; then
    echo 2
elif [ $x -lt $y ]; then
    echo 3
else
    echo 4
fi
```

What will be displayed on the screen?

- 1

Question 23**1 / 1 point**

What will be the output of the following command, assuming that *user1* exists on the current system?

grep user1 /etc/passwd

- user1:x:1001:1001::/home/user1:/bin/sh
- uid=1001(user1) gid=1001(user1) groups=1001(user1),1006(Printers)
- user1 : user1 Printers
- no output is generated

Question 24**0 / 1 point**

Choose the partition which is the second partition of the third drive.

- /dev/sdb3
- /dev/sdc3
- /dev/sdc2
- /dev/sdb2

Question 25**1 / 1 point**

What does the third field in the */etc/fstab* file contain?

- describes the mount point
- describes the mount order
- describes the filesystem
- describes the device

Question 26**1 / 1 point**

Which command will find all .pdf files in the users' home folder?

- find /~ -name *.pdf
- find *.pdf /~
- find ~ -name *.pdf
- find *.pdf ~

Question 27**1 / 1 point**

Consider the following script.

```
#!/bin/bash

tester ()
{
    local x=4
    echo $x
}
((x=12))
echo $x
tester
echo $x
```

What will be displayed when the script is run?

- 12
12
4
- 12
4
12

Question 29**1 / 1 point**

What does the first field in the */etc/fstab* file contain?

- describes the user account UID
- describes whether the user password is encrypted or not
- describes the group account GID
- describes the device to be mounted

Question 30**1 / 1 point**

Choose the steps that are required, in the correct sequence, to make a drive usable for writing files to.

- create a filesystem, create a partition, mount
- create a filesystem, mount, create a partition
- create a partition, create a filesystem, mount
- create a partition, mount, create a filesystem

Question 31

0 / 1 point

Consider the following script.

```
#!/bin/bash  
for i in {0..12..3}  
do  
echo $i  
done
```

How many times will the loop execute?

 3 4 5 6**Question 32**

1 / 1 point

Question 32

1 / 1 point

Consider the following script, myScript.sh

```
#!/bin/bash  
echo $4 $1 $2 $3
```

What will be displayed if the script is run with the following parameters?

myScript.sh is reading backwards bad

 reading bad is backwards is reading backwards bad bad reading backwards is bad is backwards reading

Question 33

0 / 1 point

Which command will run the second program only if the first program succeeded?

ls && pwd

ls ; pwd

ls || pwd

ls & pwd

Question 34

1 / 1 point

Choose the following incorrect statement regarding shell scripts.

A shell script is a file that contains commands that the shell can execute

Shell scripts combine programming logic with operating system commands

Shell scripts execute commands sequentially

Shell scripts are edible

What is the correct command to display what groups *user101* is a member of?

grp user101

group user101

grep user101

groups user101

Question 36

1 / 1 point

What is the correct command to create a group called *Linux_Rulez*?

newgroup Linux_Rulez

addgroup Linux_Rulez

groupmod Linux_Rulez

groupadd Linux_Rulez

Question 37

0 / 1 point

Which command will run the second program only if the first program failed?


- ls && pwd
- ls || pwd
- ls & pwd
- ls ; pwd

Question 38

0 / 1 point

Which command will display the following output for *user1*?

```
uid=1001(user1) gid=1001(user1) groups=1001(user1),1006(Printers)
```

- id user1
- blkid user1
- groups user1
-  grep user1 /etc/passwd

Question 39

1 / 1 point

What is the correct command to change the supplementary group for *user44* to *user101*?

- usermod -G user44 user101
- usermod -g user44 user101
- usermod -g user101 user44
- usermod -G user101 user44

Question 40

1 / 1 point

swap memory is used on linux primarily for

- providing a location for users to store more files
- freeing up disk space to make more storage space available
- swap is unused in current Linux distributions
- freeing up RAM to make more memory available for other processes

Question 42

0 / 1 point

What is the exit status for the following expression?

["Linux" != "Rulez"]

command not found

2

1

0