Quiz Submissions - Final Exam review quiz - 60 questions

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Attempt 4

Written: Apr 17, 2022 9:53 PM - Apr 17, 2022 9:55 PM

Submission View

Your quiz has been submitted successfully.

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 path is a relative path?

- ( ) /
- ( ) /home
- ( ) /home/username
- (✓) home/username
- ( ) None of the above

Question 4 **1 / 1 point**

Which directory is the root users home folder?

- ( ) /
- (✓) /root
- ( ) /bin
- ( ) /sbin
- ( ) /boot
- ( ) /dev
- ( ) /etc
- ( ) /var
- ( ) /mnt
- ( ) /home
- ( ) /proc

Question 5 **0 / 1 point**

To create a effective permissions on folders of, rwxrwxrwx the umask will be

- ( ) 111
- (➡) 000
- (✗) 777
- ( ) 666

Question 6 **0 / 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 7 **0 / 1 point**

What is this octal mode in symbolic mode?

374

- ➡ -wxrwxr--
- r------wx
- ✖ -wx---rw-
- rw-r-xr-x

Question 8 **0 / 1 point**

Consider the following entry in the /etc/passwd file

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

What command would you use to change the login shell to /bin/bash?

- useradd user1 -s /bin/bash
- useradd -s /bin/bash user1
- ➡ usermod -s /bin/bash user1
- ✖ usermod user1 -s /bin/bash

Question 9 **0 / 1 point**

To determine what the GID of the currently logged in user, *username*, is, which command would you use?

- grep -i username /etc/shadow
- ➡ id
- groups
- ✖ usermod -i username

Question 10 **1 / 1 point**

What is the command to shutdown the computer immediately?

- shutdown -r now
- ✔ shutdown -h now
- shutdown -h +10
- shutdown -s 0
- None of the above.

Question 11 **0 / 1 point**

Which command will enable the *noclobber* flag and prevent files from being overwritten?

- ✖ set +A
- set +B
- set +C
- set +D
- ➡ None of the above

Question 12 **0 / 1 point**

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

- ➡ -la

✖ ◯ -lh

◯ -ld

◯ -ls

Question 13 **0 / 1 point**

Which of the following statements is NOT correct about the shell?

◯ A shell is a command interpreter.

◯ The shell provides access to utilities.

✖ ◯ A shell is a programming language.

◯ A shell can be used interactively.

➡ ◯ None of the above

Question 14 **1 / 1 point**

To **move** a file, what are the minimal permissions required for the **target directory**?

◯ rwx

✔ ◯ -wx

◯ --x

◯ r-x

◯ None of these answers

Question 15 **0 / 1 point**

Consider the following output

user1:x:1001:1001::/home/newuser1:/bin/bash

What command would you use to get this output?

- ✖ cat user1 /etc/passwd
- cat user1 /etc/shadow
- grep user1 /etc/shadow
- ➡ grep user1 /etc/passwd

Question 16 **0 / 1 point**

Consider the following information

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

What are the permissions for the others?

- ✖ r-x
- ➡ r--
- rwx
- rw-

Question 17 **0 / 1 point**

Which of the following commands are for displaying contents of text files?

- whoami
- passwd
- ✖ mkdir
- ls
- ➡ None of the above

Question 18 **0 / 1 point**

The **vim** command used to delete from the cursor to the end of a line: _____.

- dd
- ➡ d$
- ✖ dw
- 2d

Question 19 **0 / 1 point**

What is the command used to save the changes and quit in **vim**?

- ➡ :wq
- ✖ :q!
- :q
- :w

Question 20 **0 / 1 point**

Which environment variable contains the current shell? (NOTE: This is only guaranteed to work in BASH or maybe SH)

- ➡ $SHELL
- ✖ $shell
- $SHELLS
- $shells

Question 21 **0 / 1 point**

What is the command used to undo the last action in **vim**?

- U

- ✗ A
- ➡ u
- r

Question 22 **0 / 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 23 **1 / 1 point**

What is the purpose of the extended partition?

- to permit the creation of swap partitions
- ✓ to permit the creation of logical partitions
- to permit the creation of primary partitions
- to permit the creation of DOS partitions

Question 24 **0 / 1 point**

Consider the following bash script

#!/bin/bash

x=325

case $x in

```
    [1][0-9][2-6]) echo 1;;
    [3][2-7][1-4]) echo 2;;
    [256][1-59][12]) echo 3;;
    [78][09][0-9]) echo 4;;
    *) echo Invalid input;;
esac
```

What will be displayed on the screen?

- 1
- ✖ 2
- 3
- 4
- ➡ Invalid input

Question 25 **0 / 1 point**

Consider the following script.

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

What is displayed on the screen?

- nothing
- ➡ 20
- ✖ 10
- command not found

Question 26 **0 / 1 point**

Consider the following script.

```
#!/bin/bash
x=1
y=1
z=6

while [ $x -lt $z ]
do

        while [ $y -lt $((x*z)) ]
        do
          ((y++))
        done

((x++))
done

echo "x is: $x, y is: $y, z is: $z"
```

What will be displayed when the script is run?

- ✗ x is: 1, y is: 1, z is: 6
- x is: 1, y is: 6, z is: 30
- ➡ x is: 6, y is: 30, z is: 6
- x is: 6, y is: 6, z is: 6

Question 27 **0 / 1 point**

Consider the following bash script

```
#!/bin/bash

x=245

case $x in

   [12][0-9][0-9]) echo 1;;

   [34][0-9][0-9]) echo 2;;

   [56][0-9][0-9]) echo 3;;

   [78][0-9][0-9]) echo 4;;

   *) echo Invalid input;;
```

esac

What will be displayed on the screen?

- ➡ ◯ 1
- ◯ 2
- ✖ ◯ 3
- ◯ 4
- ◯ Invalid input

Question 28 **0 / 1 point**

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

- ✖ ◯ create a partition, mount, create a filesystem
- ◯ create a filesystem, mount, create a partition
- ➡ ◯ create a partition, create a filesystem, mount
- ◯ create a filesystem, create a partition, mount

Question 29 **0 / 1 point**

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

- ✖ ◯ grep user101
- ➡ ◯ groups user101
- ◯ group user101
- ◯ grp user101

Question 30 **1 / 1 point**

Consider the following script.

```
#!/bin/bash

runsFirst ()
{
    x=4
    echo $x
}

runsSecond ()
{
    x=12
    echo $x
}

((x=8))
echo $x
runsSecond
runsFirst
echo $x
```

What will be displayed when the script is run?

- ✔ 8
  12
  4
  4

- 12
  4
  4
  8

- 4
  12
  8
  8

- 4
  12
  8
  4

Question 31 **0 / 1 point**

What is the output of the following command?

```
echo "this    was    very    widely    spaced    text"
```

this was very widely spaced text

- ( )
- ( ) None of the above
- ✖ ( ) echo: command not found
- ➡ ( ) this was very widely spaced text

Question 32 **0 / 1 point**

What is the exit status for the following expression?

[4 -lt 6]

- ✖ ( ) 1
- ( ) 2
- ( ) 10
- ➡ ( ) 0

Question 33 **0 / 1 point**

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

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

Question 34 **0 / 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?

- 4
  12
  4

- ➡ 12
  4
  12

- ✖ 4
  4
  12

- 12
  12
  4

Question 35 **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

- ✖ command not found

- 2

- 1

Question 36 **0 / 1 point**

What is the command to list the UUID of /dev/sda1?

- ✗ ○ init /dev/sda1
- ➡ ○ blkid /dev/sda1
- ○ uuid /dev/sda1
- ○ find /dev/sda1

Question 37 **0 / 1 point**

Consider the following script called *myScript.sh*.

```
#!/bin/bash

runsFirst ()
{
    echo $2
    echo $1
}

runsSecond ()
{
    echo $3
    echo $1
}

echo $2
runsFirst $2 $1 $3
runsSecond $1 $3 $2
echo $1
```

What will be displayed when the script is run as follows?
myScript.sh 4 12 6

- ✗ ○ 6
  4
  6
  12
  4
  12
- ➡ ○ 12
  4
  12

12
4
4

4
4
6
12
4
6

12
4
6
6
4
4

Question 38 **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

✔ bad is reading backwards

bad reading backwards is

reading bad is backwards

is reading backwards bad

Question 39 **0 / 1 point**

What is the output of the following statement?

echo "Linux is best \"served\" with chilled fruit punch"

Linux is best \"served\" with chilled fruit punch

- Linux is best "served" with chilled fruit punch
- Linux is best served with chilled fruit punch
- "Linux is best \"served\" with chilled fruit punch"

Question 40 **0 / 1 point**

Consider the following bash script

```
#!/bin/bash
x=2;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
- 2
- 3
- 4

Question 41 **0 / 1 point**

Consider the following script.

```
#!/bin/bash
```

x=10

(x=20)

echo $x

What is displayed on the screen?

- ➡ ◯ 10
- ◯ 20
- ✖ ◯ nothing
- ◯ command not found

Question 42 **1 / 1 point**

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

- ◯ ls & pwd
- ◯ ls ; pwd
- ✔ ◯ ls && pwd
- ◯ ls || pwd

Question 43 **0 / 1 point**

How many directories are created with the following command?

mkdir -p ~/backup/{old,new}/{labs{1,2,3},lecture{1,2,3}}

- ➡ ◯ 15
- ◯ 14
- ✖ ◯ 9
- ◯ 12

Question 44 **1 / 1 point**

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

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

Question 45 **0 / 1 point**

What command is used to view available free memory of the system?

- mem
- ✖ freemem
- freespace
- ➡ free

Question 46 **0 / 1 point**

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

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

Question 47 **1 / 1 point**

Consider the following script called *myScript.sh*.

```
#!/bin/bash

runsFirst ()
{
```

```
    echo $2
    echo $1
}

runsSecond ()
{
    echo $3
    echo $1
}

echo $2
runsSecond $1 $3 $2
runsFirst $3 $1 $2
echo $1
```

What will be displayed when the script is run as follows?
myScript.sh 8 1 3

- ✔ 1 1 8 8 3 8
- 3 1 3 3 1 8
- 8 3 1 1 3 1
- 1 3 8 1 8 8

Question 48 **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?

- ➡ ◯ 5
- ✖ ◯ 6
- ◯ 4
- ◯ 3

Question 49 **0 / 1 point**

swap memory is used on linux primarily for

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

Question 50 **0 / 1 point**

Consider the following bash script

```
#!/bin/bash
x=295
case $x in
  [1][0-9][0-9]) echo 1;;
  [3][0-9][0-9]) echo 2;;
  [256][0-9][0-9]) echo 3;;
```

[78][0-9][0-9]) echo 4;;

*) echo Invalid input;;

esac

What will be displayed on the screen?

- 1
- 2
- ➡ 3
- ✖ 4
- Invalid input

Question 51 **0 / 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 -p "Enter your age: " age
- read age "Enter your age: "
- read age -p "Enter your age: "
- ✖ read "Enter your age: " age

Question 52 **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 53 **0 / 1 point**

Consider the following script.

```
#!/bin/bash
for (( i=0; i < 4; i++ ))
do
echo $i
done
```

How many times will the loop execute?

- ✗ 2
- 3
- ➡ 4
- 5

Question 54 **0 / 1 point**

Consider the following script.

```
#!/bin/bash
for (( i=1; i <= 16; i=i*2 ))
do
echo $i
done
```

How many times will the loop execute?

- 7
- 4
- ✗ 12

5

Question 55 **1 / 1 point**

Consider the following script.

```
#!/bin/bash

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

What will be displayed when the script is run?

- 4
  12
  4

- ✔ 12
  4
  4

- 4
  4
  12

- 12
  12
  4

Question 56 **0 / 1 point**

Consider the following script.

```
#!/bin/bash

for (( i=10; i >=2; i-- ))

do

echo $i

done
```

How many times will the loop execute?

- ➡ ◯ 9
- ◯ 8
- ✖ ◯ 7
- ◯ 10

Question 57 **0 / 1 point**

Which command will run each program, regardless of whether the first program succeeded or not?

- ◯ ls || pwd
- ◯ ls && pwd
- ✖ ◯ ls : pwd
- ➡ ◯ ls ; pwd

Question 58 **0 / 1 point**

Consider the following bash script

```
#!/bin/bash
x=682
case $x in
   [1][0-9][2-6]) echo 1;;
   [3][2-7][1-4]) echo 2;;
   [256][1-59][12]) echo 3;;
   [78][09][0-9]) echo 4;;
   *) echo Invalid input;;
esac
```

What will be displayed on the screen?

- ✖ 1
- 2
- 3
- 4
- ➡ Invalid input

Question 59 **0 / 1 point**

Which is the correct command to delete a user account *user44*, as well as the users' home folder?

- ➡ userdel -r user44
- del -r user44
- ✖ userdel user44
- del user44

Question 60 **0 / 1 point**

Consider the following script.

```
#!/bin/bash
for i in {1..16..5}
do
echo $i
done
```

How many times will the loop execute?

- 6
- ✖ 3
- 5

➡ ◯ 4

Question 61 **0 / 1 point**

What is the correct command to mount the */dev/cdrom* device to */mnt/new* using the filesystem *iso9660*?

◯ mount -t iso9660 /mnt/new /dev/cdrom

◯ mount /dev/cdrom -t iso9660 /mnt/new

➡ ◯ mount -t iso9660 /dev/cdrom /mnt/new

✖ ◯ mount /dev/cdrom /mnt/new -t iso9660

Question 62 **0 / 1 point**

Consider the following array.

awesome=(installing linux VM on a friday night)

Which command will produce the following output?

installing linux VM on a friday night party

◯ awesome[*]=(party); echo ${awesome[*]}

✖ ◯ awesome=+(party); echo ${awesome[#]}

◯ awesome=party; echo ${awesome[#]}

➡ ◯ awesome+=(party); echo ${awesome[*]}

Attempt Score:13 / 62

Overall Grade (highest attempt)**:**39 / 62

Done