**Quiz 3**

1. Write a script to delete blank lines in a file. Use cat and awk

2. Write a script to delete duplicate lines

3. Write a shell script to delete a directory tree.

./script.sh <directory>

4. Write a shell script to see if a process is running.

Hint: Parse output of ps command

5. Write a shell script to display the following:

Hostname, disk space usage, free & used memory, uptime and logged in users.

6. Write a shell script to display syntax of a given command

7. Write a shell to check if a command is in PATH directory list

8. Write a shell script to transfer a file using ftp and scp.

Read about how to use ftp and scp commands in scripts. Come up with your own example.

9. Write a shell script to delete files older than a week.

10. Write a shell script to implement -i version of cp command

11. Write a shell script that Searches down the directory tree from current directory, change the group owner of files in a directory to another group.

You should also check if new group exists, else, error out.

./script.sh oldgroup newgroup

12. Write a shell script to list files in size order, smallest first.

Hint: ls and sort commands

ANSWERS

1.#!/bin/bash

Vim <filename.sh>

Cat file<filename.sh>

Awk –f <filename.sh>

Echo “delete the duplicate lines”

:wq

./

2.#!/bin/bash

Cat <filename>

Uniq –m <delete lines>

Echo “delete the duplicate lines”

./

3. #!/bin/bash

Rm\_dir tree.sh

Echo “delete the tree directory”

./

4. #!bin/bash

~$ ps <enter>

Echo “shows which process is running”

./

5.#!bin/bash

Cat <filename.sh>

Uname –m

Df –m

Du –m

Free

Upime

./

6.#!bin/bash

Man <given command>

./ q

7. #!bin/bash

Cd home/Desktop/user/bin/<given command>

Echo “if command is in this”

./

8.#!/bin/bash

Host =file.ftp.txt

User= ‘remote user name’

Passwd= ‘remote passwd’

ftp –n –v $host

scp –n –v $host

asci

user $user $passwd

prompt

cd upload

ls –la

bye.

./

9.#!bin/bash

Log –n 7 filename.sh

./

10. .#!bin/bash

// cp command is used to copy the files or directories from one another.

Cp –I <filename.sh> <newfilename.sh>

// required information to copy

./

11.#!bin/bash

Find <tree directory> | chown owner:sript.sh | find new group file

If –n

then

echo “new file group exist”

else

echo “error”

done

12. #!/bin/bash

Ls –s | sort filename.sh

Echo “sort files by size”

./