1. Which command is used to know the current working directory

pwd

1. How would you find out its contents?

ls,

ls-l,

ls-a,

ls-la

1. Identify the commands with inputs to do the following
   1. create a directory d1

mkdir d1

* 1. create a subdirectory d2 in d1

mkdir d1/d2

* 1. change to directory d2

cd d1/d2

* 1. create an empty file “f1.txt”

touch f1.txt

* 1. display the contents of “f1.txt”

cat f1.txt

* 1. view the contents of d1 from current directory d2

ls ../

1. Use the ls command with its options. How will you identify directories from the listing?

Ls -l

1. Use ls to do the following
   1. List files with single character names.
   2. List hidden files also. [ Note : Hidden files are files having name started with a “.” ]
   3. Suppose there are files tb1.1, tb2.1, tb3.1, ….tb10.1. Write command to list all the files [Hint: use wild card characters]
2. Ls ?
3. Ls -a
4. Ls tb\* .1

6.Write the command to list all files in descending order of their size

Ls -lS

7.Suppose there are files temp1, temp2, temp3. Write command to remove the files without listing them explicitly

rm temp\*

rm-rf

8.Which command is used to list top few lines in the file?

Head<filename>

Head -n <number> <filename>

9.Create a directory “testdir”

mkdir testdir

10.Use cp command to do the following

* 1. Copy the file tb1.1 (created above) in the same directory.

Cp tb1.1 tb1.1\_copy

* 1. Write a command to copy all the files i.e tb1.1,tb2.1,tb3.1,…..tb10.1 in a new directory –“new”

Cp tb\* .1 new/

* 1. Create a subdirectory in new in named“new1”.

mkdir new/new1

* 1. Write a command to copy selectively only tb2.1, tb6.1, tb7.1 and tb10.1 in the directory new1.

Cp tb2.1 tb6.1 tb7.1 tb10.1 new/new1/

* 1. Write a command to copy the entire directory “new” to a directory “newprogs”. [Note : use the –R option of “cp” command ]

Cp -R new/ newprogs/

11.Find out the difference between

* 1. “mv” & “cp”

mv command is used to move files and directories from one location to another.

Cp command is used to copy files or directories from one location to another

* 1. “rm”, “rmdir”

rm command is used to remove files and directories

rmdir command is used remove empty directories only

* 1. “mkdir” and “mkdir -p”

mkdir is used to create new directory

mkdir -p is used to create nested directories in one go

12.Use a single command rmdir once to remove “testdir” and all its sub directories and files created above.

rm -r testdir

rm -rf testdir

13.Which command is used to get the manual information of a command?

man command

14.If you are not able to change to a directory what could be the likely cause?

The specified directory may not exists or may be spilled

May not have the necessary permission to access directory

Using an absolute path incorrectly

15.Explain the differences among the following commands:  
              a. cd / - changes the current working directory to the root directory of the filesystem.

b. cd .. – moves the current directory up one level in the directory hierarchy

c. cd – changes the current directory to the users home directory

d. cd ../..  – moves the current directory up two levels in the directory hierarchy