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

Ans-The pwd Command

Ex: $ pwd

**2. How would you find out its contents?**

**Ans-** The ls command displays the contents

Ex: $ ls

**3. Identify the commands with inputs to do the following**

**a. create a directory d1**

**Ans-** $ mkdir d1

**b. create a subdirectory d2 in d1**

**Ans-** $ cd d1

$ mkdir d2

**c. change to directory d2**

**Ans-** $ cd d2

**d. create an empty file "fl.txt"**

**Ans-** $ touch fl.text

**e. display the contents of "fl.txt"**

**Ans-** $ cat f1.txt

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

**Ans-** $ cd d1/d2

$ ls dl

**4. Use the Is command with its options. How will you identify directories from the listing?**

**Ans-** ls , ls -1 , ls Help gc\_help , ls ip\_\* , ls \*.c , ls | grep \_pin\_ , ls \*\_pin\_\* , ls -b a\* ,ls --hide=\*.bak , ls -l , ls -l -d /tmp , ls -l -h , ls -l -a, ls -l -A , ls -l -R , ls -n , ls -X -1 , ls – i , ls – l – h -S – r , ls -t | tail -1 , ls -t | head -1 .

**5. Use Is to do the following**

**a. List files with single character names.**

**Ans-** LS – L\*

**b. List hidden files also. [Note: Hidden files are files having name started with a "."]**

**Ans-** LS - A

**c. Suppose there are files tb1.1, tb2.1, tb3.1.....tb10.1. Write command to list all the files [Hint: use wild card characters]**

**Ans-** LS | GREP 1$

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

**Ans-** LS -S

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

**Ans-** RMtemp1 temp2 temp3

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

**Ans-** The Head command

**9. Create a directory "testdir"**

**Ans-** mkdir testdir

**10. Use cp command to do the following**

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

**Ans-** CP tb1.1.txt tb1.2.txt

**b. Write a command to copy all the files i.e tb1.1.tb2.1.tb3.1......tb10.1 in a new directory-"new"**

Ans- MKDIR new

CP//home/mandu/testdir\* /home/new

**c. Create a subdirectory in new in named "newl".**

Ans-MKDIR new1

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

Ans- Cp new/new1 |GREP 1$

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

ANS – MKDIR newprogs

CP – R new / newprogs

**11.Find out the difference between**

* 1. **“mv” & “cp”**

Ans – mv – moves files or directories

cp – copy files or directories

* 1. **“rm”, “rmdir”**

Ans- rm – is used to delete directories

rmdir – is used to delte empty directories

* 1. **“mkdir” and “mkdir -p”**

Ans – mkdir- Allows to create directories

mkdir-p - It will create parent directory first, if it doesn't exist.

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

Ans - $ rmdir testdir

$ rm -r

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

Ans - man Command

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

because user doesn’t have the **execute power of root folder.**

1. **Explain the differences among the following commands:  
                 a. cd / :-** This command is used to change the directory to the root directory

**b. cd .. :-** This command is used to move to one level up directory

**c. cd :-** Is used to change the current working directory

**d. cd ../..**Change to 2 directory up to the present one

**Advanced Optional Questions**

1. **How could you display the inode number of a file?**

Ans- ls -i

1. **What is the pipe symbol? What effect does it have?**

Ans - |(pipe symbol). Pipe command is used to combine 2-3 commands.

1. **Find out the details of “ps” command ?**

Ans - ps command is used to provide currently running processes.